

# **Forest Grove District 2025 ANNUAL OPERATIONS PLAN**



# FOREST GROVE DISTRICT

## FISCAL YEAR 2025 ANNUAL

### OPERATIONS PLAN

#### OVERVIEW

This plan describes the activities and outcomes that Oregonians can expect to see on the eastern side of the Tillamook State Forest for Fiscal Year 2025 (July 1, 2024 – June 30, 2025). The Tillamook State Forest is an actively managed forest, valued by many Oregonians for its mixture of environmental, economic, and social benefits. This plan supports this mixture and provides a balance of these benefits as required by Oregon Administrative Rule (OAR 629-035-0020). The agency strives to manage the forest sustainably, so that the benefits from the forest can be delivered into perpetuity. The forest harvesting is planned at a sustainable level; a level that our computer models suggest can be harvested year after year without reduction.

Forest habitat is expected to develop so the forest has a mixture of habitat types for all of Oregon's native wildlife. Recreational opportunities are diverse and high quality, allowing for off-highway vehicles, bicycling, hiking, hunting, horseback riding, and more, striving to minimize user and environmental conflicts in the context of a working forest.

Managing a public forest has its challenges. In addition to the challenges of providing the opportunities described above, the forest is expected to be financially self-supporting. About two-thirds of the revenues from state forest timber sales go to local counties and other taxing districts, including schools. Oregon Department of Forestry (ODF) uses the remaining third of the revenue to manage the forests and keep them healthy, through activities including fire protection, tree planting, thinning, research and monitoring, recreation services, road maintenance and stream habitat improvement. ODF is striving to continue to provide the current opportunities and are considering a few opportunities for change.

Every year in the Forest, agency staff learn new things and find new challenges and opportunities. In preparing this plan, the agency has consulted with ODF's wildlife biologists, aquatic specialist, archaeologist, geotechnical engineer, road engineers well as fish and wildlife biologists from the Oregon Department of Fish and Wildlife. The plan will undergo a 45-day public comment period. The operations were shared with the nine federally recognized Tribes in Oregon.

This annual operations plan will be reviewed by the State Forests Advisory Committee (composed of Oregonians representing many interests), a variety of interest groups, as well as Oregonians in general.

The activities shown in the Summary Document and appendixes are estimates based on plans, information, and conditions as known at this point in time. The type, amount, and specific activities will be further adjusted based on field work conducted and on updated assessments that occur during the 2025 fiscal year.

### **A short summary of activities planned for the coming year:**

- Planting approximately 575,000 trees on 1,493 acres. Conducting vegetation management activities on 2,703 acres and animal management activities on an additional 1,906 acres to ensure the survival and growth of these plantations.
- Conducting surveys for northern spotted owls and marbled murrelets covering the majority of the district and surveying approximately 8 miles of streams for the presence of fish habitat.
- Protecting streams and water resources through a series of buffers and seasonal restrictions.
- Habitat development projects such as creating snags by removing the tops, retaining green trees in clearcut areas, and leaving down wood, all for wildlife benefits in harvest areas and future forests.
- Improving, rocking, and/or maintaining approximately 106 miles of road to ensure ditch water is dispersed and filtered as much as possible, keeping runoff from entering streams. Constructing approximately 4.9 miles of new roads. These roads provide access to timber harvest as well as various recreational opportunities.
- Reviewing District roads to develop plans to block or vacate roads to help manage trash dumping and target shooting.
- Proposing to harvest approximately 46.8 million board feet of timber volume, through clearcuts, and partial cuts generating revenue of an estimated \$17,448,745 million net value.
- Operating and maintaining developed facilities in a safe, clean, and responsible manner.

- Providing a safe and clean environment for the myriad of dispersed activities that occur across the forest – hunting, camping, angling, sight-seeing, target shooting, swimming, mushroom picking, etc.
- Improving, maintaining, managing, and patrolling the 104 miles of motorized and 78 miles of non-motorized trails, striving to protect the trail investments, provide for visitor safety, address developing trail issues, and protect water quality.
- Facilitating the important volunteer network that supports Recreation management through the following volunteer programs:
  - Camp Host Program
  - Non-profit and user group led trail maintenance and construction work parties
- Facilitating the pre-planned 12 to 16 organized motorized trail use events and writing and administering 2 to 4 special use permits for motorized and non-motorized trail use events.
- Evaluating new event proposals for fit with Recreation program and forest management goals and objectives.
- Providing a firewood cutting program and miscellaneous forest products permits (salal, mushrooms, etc.) as done in previous years.
- Supporting ongoing research on the district, in partnership with research cooperatives and universities.
- Managing public access during fire season to prevent catastrophic fires through the use of red emergency fire gates.
- Managing waste dumping, vandalism, and community safety through the use of yellow gates and temporary farm gates.

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## INTRODUCTION

This annual operations plan outlines planned activities for state-owned forestland managed by the Forest Grove District for Fiscal Year 2025, which begins July 1, 2024 and ends June 30, 2025. This document describes how the activities and projects undertaken by the district will achieve the goals, strategies, and objectives of the NW Oregon State Forests Management Plan, draft Habitat Conservation Plan, Tillamook State Forest Recreation Action Plan, and the Forest Grove District 2023 Implementation Plan. Please refer to the district Implementation Plan for more specific information on physical characteristics and other district resource information.

The Annual Operations Plan document is divided into five major categories: Integrated Forest Management, Planning and Information Systems, Public Information and Education, Administration, and Appendices. A short summary of proposed activities is listed within this introduction. In addition to describing forest management activities for Fiscal Year 2025, Appendix F describes any modifications to the Forest Land Management Classification System. Appendix G describes any modifications to the Forest Grove District Landscape Design. \*

The proposed harvest operations and activities are planned to be designed, engineered, and submitted for processing during the Fiscal Year 2025 time period. Actual on-the-ground operations will likely not occur during Fiscal Year 2025 due to the time-lag associated with contract duration, which could be one to three years after auction. In contrast, reforestation, young stand management, recreation management, and planning activities will be carried out during Fiscal Year 2025.

A 45-day public comment period will be held from April 3, 2024 through May 17, 2024. The District Forester will review all comments received before approving this plan.

Accomplishments of forest management activities which occurred under previous Annual Operations Plans can be found in several reports, including the *State Forester's Annual Report for the Association of Oregon Counties* and the *Common School Forest Lands Annual Report*. These reports are available through the local district office or online.\*\*

\*Minor/major modifications and the procedures for making these changes are described in Forest Grove District Implementation Plan.



# INTEGRATED FOREST MANAGEMENT OPERATIONS

## Timber Harvest Operations

### Overview of Timber Harvest Operations

All of the Primary and Alternate harvest operations and many of the other forest management activities have been reviewed by ODF’s wildlife biologists, aquatic specialist, archaeologist, geotechnical engineer, road engineer, and planning manager, as well as fish and wildlife biologists from the Oregon Department of Fish and Wildlife. All of the operations will be reviewed against the State Historic Preservation Office and General Land Office databases for potential impact to cultural resources. Occasionally, operations may contain a resource or activity where review with another state agency, such as the Department of Agriculture is warranted. Written comments from the external resource specialists and the resolution of those comments can be found in Appendix C.

The Fiscal Year 2025 Annual Operations Plan is estimated to produce 46.8 million board feet in volume, generate gross revenues of approximately \$22,306,795 and net revenues of \$17,448,745. The volume objective is within the 43-47 million board feet range outlined in the Forest Grove District’s 2023 Implementation Plan. However, some events may result in an Annual Operations Plan volume that is outside the Annual Harvest Objective range. These events may consist of, but are not limited to, storm damage, insect and/or disease outbreaks, prepared timber cruise results versus Annual Operations Plan volume estimates, timber market conditions or other significant events. Alternate timber sales included in the Annual Operations Plan may be sold as primary operations in response to any of these circumstances. In the instance where volume targets were achieved in the previous fiscal year prior to all of the primary sales being sold one or more of those sales may move into this fiscal year. These sales would contribute to the annual volume objective.

Additional operations may produce timber volume for the district during the 2025 fiscal year but are not included in this annual operations plan. These are generally small areas, produce little volume, and/or are time sensitive in nature. These sales do not require significant effort to develop and execute and will comply with all policies, the district Implementation Plan, and the NW Oregon State Forests Management Plan. Examples of these sales include salvage, pulp sales, removal of hazard trees, pole sales, etc.

**Table 1. Volume Harvest Objective of Annual Operations Plan Harvest Compared to Implementation Plan Annual Objective. Volume is Million Board Feet.**

Harvest Objectives	2023 Implementation Plan Harvest Ranges		Fiscal Year 2025 Annual Operations Plan
	Low	High	
Forest Grove	43	47	46.8

### Overview of Structural Components

The guidelines for managing structural habitat components listed under Landscape Management Strategy 3 in the NW Oregon State Forests Management Plan (pg. 4-52), will be followed for the Fiscal Year 2025 Annual Operations Plan. Structural components may be retained at higher

levels in some units and at lower levels in other units. The intent is to achieve the targets outlined in the NW Oregon State Forests Management Plan strategies in a given annual operations plan.

The green tree retention target for regeneration harvest units is an average of five trees per acre in the NW Oregon State Forests Management Plan. Green tree arrangements for this Annual Operations Plan may include scattered individual trees, clumps of trees, and trees concentrated in and adjacent to riparian management areas, inner gorge areas or headwalls. The final decision on the location and arrangement of the green trees is made while the sale is being laid out to incorporate information on potential minor tree species, unique stand features, steep slopes, visual considerations, reforestation considerations, etc. To promote diversity on the landscape a variety of green tree placement strategies will be used.

The NW Oregon State Forests Management Plan strategy for hard snags is to manage for at least two per acre on average across the landscape. The NW Oregon State Forests Management Plan strategy for Down Woody Debris is to retain an average of 600 to 900 cubic feet of hard conifer logs (class 1 & 2) per acre during regeneration harvest. Strategies for retaining snags and down wood are determined using a current condition assessment from forest inventory data or timber cruising data. The need for snag creation in each unit is evaluated based on cruise or inventory information that documents snags in decay class 1 and 2 in the sale and surrounding landscape. Units with less than 2 hard snags per acre will be evaluated and an appropriate snag prescription will be developed as needed. Down Wood will continue to be created through bucking practices, leaving felled snags in the unit and tops on ground yarding areas.

The wind events of December 2006, November 2007, December 2007, and the snow/ice event of January 2017 made significant contributions to snag and down woody debris levels despite the salvage of some large concentrations of blow down. This in turn led to scattered bark beetle outbreaks resulting in additional tree mortality during 2009. The majority of beetle caused mortality is located within the McGregor, Wheeler, and Upper Salmonberry Basins. Minor amounts were observed in Larch Mtn., Gales Creek, and Roger's Basins. Based on these observations, snag creation may only be required on planned sales in the Sunday Creek Basin, Wilark Basin, Scoggins Basin, and portions of Gales Creek and Roger's Basins.

In addition to the leave tree strategies within the NW Oregon State Forests Management Plan all timber sales within Fiscal Year 2025 will also abide by the green tree retention strategies of the Draft Habitat Conservation Plan. Two trees per acre will be retained within any forest stand harvested using regeneration harvest techniques. Trees selected for retention will be outside of Riparian Conservation Areas and will be assessed during each final harvest so that selected trees will not be removed in subsequent rotations and will contribute to long-term recruitment of large diameter snags and downed wood. Overlaps may occur with the green tree retention strategies of the NW Oregon State Forests Management Plan. Leave tree configuration will be determined during sale layout to ensure compliance with NW Oregon State Forests Management Plan and Habitat Conservation Plan strategies.

### Climate Change and Carbon Storage

Climate change and carbon sequestration are generally topics related to higher-level strategies in the Forest Management Plans or Implementation Plans. While the current Forest Management Plans and Implementation Plans don't address carbon or climate change directly, the main strategies of the Climate Change and Carbon Plan are being implemented during this transition period with the implementation of the draft HCP strategies combined with the current FMP

requirements and will result in a variety of forest stand conditions that maintain healthy, multi-species, vigorously growing forests, which will contribute to resilient healthy forests into the future.

Under these current plans, large portions of the landscape provide carbon storage and will continue to do so long into the future. These include areas that have a desired future condition of Layered or Older Forest Structure, draft Habitat Conservation Areas, Riparian Conservation Areas, no harvest wildlife areas, and forested areas that are inoperable, etc. In addition, existing old growth trees are also protected and are generally scattered individual trees or occasional small, isolated patches. Legacy structures retained (green trees, snags, down wood) within harvest areas will continue to store carbon while the seedlings regenerating around these structures will accumulate carbon. Carbon is also stored in harvested wood products removed during the Annual Operation Plan implementation, as trees are converted to lumber for houses or other various paper products a percentage of this carbon is stored until it decays or is replaced. Forest health strategies are addressed on a site-specific basis for areas impacted by insects and diseases such as Swiss needle cast and when reforestation plans are developed for planting and other young stand management treatments. Site specific prescriptions consider target species, aspect, elevation, soil types, Swiss needle cast risk where applicable, *Phellinus weirii* (laminated root rot) presence, required stocking guidelines, natural advanced regeneration, and the desired future condition of the stand. This will provide for a diverse, healthy, productive, and sustainable forest ecosystem over time that will be more resilient to change.

### **Harvest Operations within Habitat Conservation Areas**

Habitat Conservation Areas are one of the draft Habitat Conservation Plan strategies that is being implemented with this AOP. HCAs were designed to conserve the highest quality existing covered species habitat and nearly all known occupied parts of the permit area; however, there are many areas of lower quality habitat in HCAs, given the size of HCAs and the disturbance and management history of the permit area. The overarching management objective for HCAs is to increase the quality and quantity of habitat for terrestrial covered species. Stands that provide lower quality habitat or no habitat will be managed more frequently, in order to increase the quality and quantity of habitat. Over time HCAs will become better habitat for terrestrial species as more acres of lower quality habitat grow into higher quality habitat.

The majority of stand management that will occur in HCAs will be in locations that currently provide limited habitat value for covered species. Managing stands in HCAs that are lacking habitat characteristics for covered species will help promote development of them as the forest grows. These important characteristics include large trees and snags, multistoried and multi-species canopies, and large woody material. The primary purpose of these management actions is to selectively and strategically improve and accelerate development of such habitat characteristics for terrestrial covered species that rely on late-seral forests. Management within the HCAs will primarily fall into one of four categories:

- **Healthy Conifer:** Typically management will include a variety of density management prescriptions in young healthy conifer forests to ensure that late-seral structure develops more quickly. Many of these stands have a high original planting density intended for timber production, and will persist as simple, closed canopy stands without a reduction in density and overall uniformity. To improve covered species habitat, these stands will receive thinning and patch cuts that will increase growth of dominant trees and allow for the initiation (or re-initiation) of understory tree and shrub species that will increase both vertical and horizontal heterogeneity, as well as species diversity, within the stand.

- **Swiss Needle Cast:** Another focus of management within HCAs will be to reset stands that are stunted, due to Swiss needle cast, and will likely not become high quality habitat for covered species over the course of the permit term. By harvesting these stands early in the permit term, including regeneration harvests that remove significant portions of stands, ODF will be able to replant the stands with a species mix that will grow into more suitable habitat during the permit term. Swiss needle cast regeneration prescriptions will include the retention of other conifer and hardwood species that are unaffected by the disease.
- **Conifer Restoration in Hardwood-dominant Stands:** Hardwood-dominant stands include those that have >50% hardwood species. Hardwood species have value for covered species and other wildlife; however, large expanses of red alder dominant stands with little conifer component are unlikely to develop into suitable or highly suitable habitat for marbled murrelets or red tree voles and are unlikely to support nesting northern spotted owls over the permit term. Therefore, there will be a focus on managing a portion of hardwood-dominant stands (primarily red alder) in the first 30 years of the permit term in order to reforest those stands with conifer species that will grow into higher quality habitat for covered species over time. In addition to the reforested conifer component, existing conifers will be retained where operationally feasible, and some hardwoods will also be retained in these stands during harvest.
- **Young Stand Management:** Plantings will occur at lower densities and incorporate greater proportions of minor species (western red cedar, Sitka spruce, western white pine, hemlock, true firs). Natural regeneration will be allowed to occur in some small patch cuts, and root-rot tolerant species will be planted where patch cuts are used to address infestations. If needed, alternative management plans will be filed where restocking conditions fail to meet FPA standards. Intensity of manual release operations will be reduced to allow for some hardwood retention and development. These treatments are intended to promote complex early seral stand conditions that have greater potential to develop into high quality habitat for the covered terrestrial species than more intensive production-oriented treatments and prescriptions.

**Table 2. Summary of Primary Timber Harvest Operations Inside and Outside of Habitat Conservation Areas. All values are in net acres.**

<b>2025 Annual Operations Plan</b>				
	<b>Harvest Outside of Habitat Conservation Areas</b>		<b>Harvest Inside of Habitat Conservation Areas</b>	
	<b>Partial Cut</b>	<b>Clearcut Acres</b>	<b>Partial Cut</b>	<b>Clearcut Acres</b>
Primary	189	1,117	241	0
Alternates	0	728	0	0

Harvest Outside of Habitat Conservation Areas

The 1,117 acres of regeneration harvest planned for Fiscal Year 2025 represents approximately one percent of the district. All of the regeneration harvest acres will be designed as clearcuts. There is one first entry moderate partial cut (160 acres) in young stands to help improve the growing conditions within the sale. There are 29 acres of partial cut in a 77 year old stand due to the close proximity to Highway 6, a Scenic State Highway.

### Harvest Inside of Habitat Conservation Areas

The 241 acres of partial cut harvest is designed with the goal to thin out the dense trees allowing more light to reach the forest floor. This will allow increased understory development and improve the layering of structure within the stand. Prescriptions may incorporate a mix of gap-cuts, areas of untreated stands, and variable density thinning prescriptions. Minor species will be evaluated to reserve based on the composition of the stand and the amount of diversity present. Residual tree selection will emphasize preserving the trees of good form and vigor with the largest diameter and height. These prescriptions will be developed in consultation with ODF biologists.

Refer to the attached Forest Grove District Financial Summary Table (Appendix A, Table A-1) and vicinity map (Appendix B) for more detail on expected outputs from planned timber sales.

### **Harvest Operations within Terrestrial Anchor Sites and Aquatic Anchors**

Supplemental Species of Concern Strategies provide for fish and wildlife species of concern. Two of these strategies are Terrestrial Anchor Sites and Aquatic Anchor sites.

#### Terrestrial Anchor Sites

Terrestrial Anchor Sites areas are intended to benefit terrestrial wildlife species of concern, especially those associated with older forest or interior habitat conditions, sensitive to forest fragmentation, or do not readily disperse across younger forest conditions. Management within Terrestrial Anchor Sites is intended to be limited, to emulate natural small-scale disturbance patterns, and to minimize short-term negative impacts to habitat. All areas that were designated as Terrestrial Anchor Sites were designated for the development of complex structure in the Landscape Design.

Since the adoption of the Terrestrial Anchor Sites in July 2011, the district has been proceeding with operations in these areas. Great care has been given in selecting stands for harvest and developing prescriptions in these areas to ensure that these harvest activities achieve the goals of the Terrestrial Anchor Sites. These sales were reviewed by ODF and Oregon Department of Fish and Wildlife Resource Specialists. Table 3 shows there are 2 acres of partial cut harvest planned within the Terrestrial Anchor Sites proposed in the 2025 Annual Operations Plan and also shows the cumulative operations in Terrestrial Anchor Sites since the strategy was adopted (Annual Operations Plans 2012 through 2025).

**Table 3. Summary of Harvest Operations within Terrestrial Anchor Sites (Acres and Percent)**

Acres within Terrestrial Anchor Sites	Current Annual Operations Plan (Fiscal Year 2025)		Cumulative Harvest (Since Fiscal Year 2012)	
	Clearcut	Partial Cut	Clearcut	Partial Cut
<b>Terrestrial Anchor Site Basin</b>				
<b>South Fork Wilson (2,081 acres)</b>	0	0	0	0
% of Acres	0%	0%	0%	0%
<b>Upper Salmonberry (3,097 acres)</b>	0	0	0	679
% of Acres	0%	0%	0%	21.9%
<b>Wolf Creek (4,199 acres)</b>	0	2	0	863
% of Acres	0%	0.05%	0%	20.6%
<b>All Terrestrial Anchor Sites (9,377 acres)</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1,542</b>
<b>% of Acres</b>	<b>0%</b>	<b>0.02%</b>	<b>0%</b>	<b>16.4%</b>

Aquatic Anchors

Aquatic Anchor Sites are geographically identified watersheds where salmon and aquatic conservation is of particular concern. In these areas, additional riparian management strategies are implemented when conducting harvest operations. These strategies do not preclude or limit harvest or road building activities, but rather supplement existing riparian buffer protections to further bolster the conservation goals in these areas. Streams will be protected by applying no harvest Riparian Conservation Areas from the draft Habitat Conservation Plan as well as extended out to 50 feet when regeneration harvesting in Aquatic Anchors near small perennial, debris flow-prone, and high-energy non-fish streams. In addition, areas designated for the development of complex structure in the Landscape Design are clustered around streams important to fish in the Aquatic Anchors.

The Aquatic Anchors became effective July 1, 2013 and replaced the Salmon Anchor Habitat Strategy that expired June 30, 2013. Table 4 shows the current harvest and the cumulative total from Fiscal Year 2014.

**Table 4. Summary of Harvest Operations within Aquatic Anchors (acres and percent)**

Acreages	Current Annual Operations Plan (Fiscal Year 2025)		Cumulative Harvest (Since Fiscal Year 2014)	
	Clearcut	Partial Cut	Clearcut	Partial Cut
<b>Aquatic Anchor Basins</b>				
<b>Ben Smith Creek (2,410 acres)</b>	0	0	0	0
% of Acres	0%	0%	0%	0%
<b>Devils Lake Fork Wilson River (6,132 acres)</b>	0	0	792	118
% of Acres	0%	0%	12.9%	1.9%
<b>Elkhorn Creek (1,049 acres)</b>	0	0	187	0
% of Acres	0%	0%	17.8%	0%
<b>Lousignont Creek/Upper Nehalem River (12,355 acres)</b>	0	0	2,348	1,516
% of Acres	0%	0%	19.0%	12.3%
<b>S. Fork Salmonberry River (5,659 acres)</b>	0	0	103	579
% of Acres	0%	0%	1.8%	10.2%
<b>Upper Rock Creek (3,295 acres)</b>	0	98	144	182
% of Acres	0%	3.0%	4.4%	5.5%
<b>All Aquatic Anchors (30,900 acres)</b>	0	98	3,574	2,395
% of Acres	0%	0.3%	11.6%	7.8%

**Summary of Timber Harvest Operations by Basin**

In the following section, the harvest operations planned for Fiscal Year 2025 will be summarized in the context of the eleven management basins on the Forest Grove District. Since the NW Oregon State Forests Management Plan strategies provide standards for structural components such as green trees, snags, down wood as well as riparian protection, these are not discussed in the summary. Road strategies and standards are discussed in the Forest Roads Management section. Additional information regarding the harvest operations may be found within Table A-2, the Forest Resources Summary in Appendix A.

**Table 5. Summary of Timber Harvest Operations in each basin. All values are in net acres.**

Basin	2025 Annual Operations Plan	
	Partial Cut	Clearcut
Bell Mountain	0	0
Isolated Tracts	0	0
Gales Creek	29	279
Larch Mountain	0	0
McGregor	161	111
Rogers	0	219
Scoggins Creek	0	0
Sunday Creek	0	315
Upper Salmonberry	240	193
Wheeler	0	0
Wilark	0	0
<b>Totals</b>	<b>430</b>	<b>1,117</b>

**Bell Mountain Basin**

No harvest operation is planned for this basin.

**Isolated Tracts Basin**

No harvest operation is planned for this basin.

**Gales Creek Basin**

Final Round: This is a 1 unit clearcut sale totaling 105 acres. The mixed conifer and red alder stands within this sale are 75 years old. The stands within this timber sale were thinned in 2006. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Approximately 0.06 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 8.3 miles of road will be improved, rocked and/or maintained in conjunction with this sale. Approximately 0.6 miles of rocked spurs will be vacated after the timber sale is complete.

Non-motorized trails exist in close proximity to the sale boundary and may be impacted by logging. The Marketing Unit and Roads Unit will work closely with the Recreation Unit to put provisions in place to minimize impact to the recreation trails and to mitigate public use related safety concerns.

Finger Creek: This is a combination sale with a clearcut of 116 acres and a moderate partial cut of 29 acres. The Douglas-fir stands within this sale are between 77 and 78 years old. Portions of the stands in this timber sale were thinned in 2002. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the clearcut unit will be planted with a mixture of species native to the geographic area.

Approximately 1.0 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 7.56 miles of road will be improved, rocked and/or maintained in conjunction with



this sale. Approximately 1.0 miles of rocked spurs will be blocked after the timber sale is complete.

Portions of Unit 1 and Unit 2 may be visible from Highway 6. Unit 2 is a Partial Cut due to proximity to Highway 6 and requirements for a Scenic State Highway. For Unit 1, this will be taken into account while determining green tree retention strategies.

Gales Creek Campground, Gales Creek Day Use Area, and Gales Creek Trailhead are located along the planned timber sale haul route. The Marketing Unit and Roads Unit will work closely with the Recreation Unit to put provisions in place to minimize impact to the recreation facilities and to mitigate conflicts with the recreation public.

Timbercat: This is a 1 unit clearcut sale totaling 58 acres. The Douglas-fir and red alder stands within this sale are between 61 and 86 years old. The stands within this timber sale have not been previously managed. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Approximately 0.69 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 1.46 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

Portions of the timber sale will be visible from Timber Road. This will be taken into account while determining green tree retention strategies.

### **Larch Mountain Basin**

No harvest operation is planned for this basin.

### **McGregor Basin**

Rock Music: This is a 1 unit clearcut sale totaling 111 acres. The mixed conifer stands within this sale are between 58 and 76 years old. Approximately 6 acres in the southern portion of the timber sale were thinned in 2001, the remainder of the timber sale has not been previously managed. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Approximately 0.69 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 3.52 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

Thin Piper: This is a 5 unit first entry partial cut sale totaling 161 acres. The mixed conifer stands within this sale are between 40 and 46 years old. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex.

Approximately 0.65 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 14.4 miles of road will be improved, rocked and/or maintained in conjunction with this sale. Approximately 0.65 miles of in-sale dirt spurs will be vacated after the timber sale is complete.

1 acre of Unit 1 is within a Draft Habitat Conservation Area. The thinning prescription for this stand will be developed to create more complex structure and improve habitat.

## **Rogers Basin**

**Beaver Power (Alternate):** This is a 1 unit clearcut sale totaling 68 acres. The mixed conifer and red alder stand within this sale is 70 years old. Portions of this stand were thinned in 1992. The stand within the sale has a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Approximately 0.07 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 8.1 miles of road will be improved, rocked and/or maintained in conjunction with this sale. Approximately 0.3 miles of in-sale rocked spurs will be vacated after the timber sale is complete.

Motorized trails exist within the sale boundary. The Marketing Unit and Roads Unit will work closely with the Recreation Unit to put provisions in place to minimize impact to the recreation trails and to mitigate public use related safety concerns.

This sale is located within the Devils Lake Fork Wilson River Aquatic Anchor.

**Rodger Dodger:** This is a 1 unit clearcut sale totaling 106 acres. The Douglas-fir and red alder stands within this sale are between 66 and 69 years old. Portions of the stands in this timber sale were thinned in 2008. The majority of the stand has a current condition of Understory with 3 acres having a current condition of Layered. The Layered portion is included to create a logical operational timber sale boundary. The Desired Future Condition of the entire sale is non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

No new road construction is expected for harvest. Approximately 1.72 miles of road will be improved, rocked and/or maintained in conjunction with this sale. Approximately 0.58 miles of existing in-sale spur roads will be blocked upon completion of harvest operations.

Motorized trails exist along the sale boundary. The Marketing Unit and Roads Unit will work closely with the Recreation Unit to put provisions in place to minimize impact to the recreation trails and to mitigate public use related safety concerns.

Portions of this sale may be visible from Highway 6. This will be taken into account while determining green tree retention strategies.

**Saddle Time:** This is a 1 unit clearcut sale totaling 113 acres. The mixed conifer stands within this sale are between 66 and 73 years old. The southern-most approximate 10 acres was thinned in 1997, and the remainder of the sale was thinned in 2005. The majority of the stand has a current condition of Understory with 10 acres having a current condition of Layered. The Layered portion is included to create a logical operational timber sale boundary. The Desired Future Condition of the entire sale is non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Approximately 0.28 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 10.9 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

Motorized trails exist along the sale boundary. The Marketing Unit and Roads Unit will work closely with the Recreation Unit to put provisions in place to minimize impact to the recreation trails and to mitigate public use related safety concerns.

## **Scoggins Creek Basin**

No harvest operation is planned for this basin.

## **Sunday Creek Basin**

**Blind Alley:** This is a 1 unit clearcut sale totaling 114 acres. The mixed conifer and red alder stands within this sale are between 71 and 74 years old. The north half of the sale was previously thinned in 2005, while the southern half of the sale was previously thinned in 1999.

The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Approximately 0.25 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 5.5 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

This sale is immediately adjacent to Barney Reservoir.

**North Sun (Alternate):** This is a 2 unit clearcut sale totaling 172 acres. The mixed conifer stands within this sale are between 58 and 68 years old. The stands within this timber sale were thinned in 2009. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Approximately 0.24 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 13.7 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

**Rap Reimer (Alternate):** This is a 3 unit clearcut sale totaling 197 acres. The mixed conifer stands within this sale are between 58 and 73 years old. Portions of the stands within Units 1 & 3 were thinned in 1998 while portions of the stands within Unit 2 were thinned in 2007. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

No new road construction is expected for harvest. Approximately 7.1 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

65 acres of Unit 1 is located within the Elkhorn Creek Aquatic Anchor.

**Sidewinder:** This is a 1 unit clearcut sale totaling 96 acres. The Douglas-fir and red alder stands within this sale are between 51 and 71 years old. Portions of the stands within this timber sale were thinned in 2007. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Approximately 0.6 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 19.54 miles of road will be improved, rocked and/or maintained in conjunction with this sale. Approximately 0.09 miles of rocked spurs will be vacated after the timber sale is complete.

**Sunday Prime:** This is a 1 unit clearcut sale totaling 105 acres. The mixed conifer stands within this sale are 68 years old. Portions of this stand were thinned in 1997. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

No new road construction is expected for harvest. Approximately 10.63 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

## **Upper Salmonberry Basin**

**Nine Iron:** This is a 1 unit clearcut totaling 85 acres. The Douglas-fir and red alder stands within this sale are 65 and 85 years old. The southwestern-most 13 acres of the sale were thinned in 2014, while the remainder of the sale was thinned in 2006. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Approximately 0.15 miles of new road construction is needed to help facilitate the harvest of this sale. Approximately 1.28 miles of existing road requires improvement, rocking and/or maintenance. In order to save on move-in costs, both the road construction and improvement will be completed with the FY23 Front Nine timber sale.

**Sappy (Alternate):** This is a 3 unit clearcut sale totaling 175 acres. The mixed conifer stands within this sale are between 66 and 86 years old. Portions of Units 1, 2, & 3 were thinned in 2003. The majority of the stand has a current condition of Understory with 3 acres having a current condition of Layered. The Layered portion is included to create a logical operational timber sale boundary. The Desired Future Condition of the entire sale is non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

Of the stands within Unit 1, 26 acres have a current condition of Understory and 23 acres of Layered. Of the stands within Unit 2, 19 acres have current condition of Understory and 16 acres of Layered. Unit 3 has a current condition of Layered. The Desired Future Condition of the entire sale is non-complex.

Approximately 0.14 miles of new road construction is needed to help facilitate the harvest of this sale. Approximately 8.7 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

This sale is located within the South Fork Salmonberry River Aquatic Anchor.

**Scatter Shield:** This is a 4 unit first entry partial cut sale totaling 240 acres. The mixed conifer stands within this sale are between 27 and 52 years old. Approximately 12 acres of Unit 3 includes 82 year old trees along the stream buffer that were not included in previous management. During sale layout the Foresters will work with Biologists to determine if thinning of these trees will improve habitat. Unit 1 was clearcut in 1979, Unit 2 was clearcut in 1970, Unit 3 was clearcut in 1973, and Unit 4 was clearcut in 1978. Unit 1 has a current condition of Understory. Of the stands within Unit 2, 29 acres have current condition of Closed Single Canopy and 2 acres of Layered. Of the stands within Unit 3, 126 acres have a current condition of Closed Single Canopy and 12 acres of Layered. Unit 4 has a current condition of Understory. The Desired Future Condition of the Units 1 & 4 are non-complex, Unit 2 has a Desired Future Condition of Layered, and of the stands in Unit 3, 98 acres has a Desired Future Condition of Layered and 40 acres of non-complex.

Approximately 0.64 miles of spur road will be constructed to help facilitate the harvest of this sale. Approximately 11.05 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

This sale is within a Draft Habitat Conservation Area. The thinning prescription for these Units will be developed to create more complex structure and improve habitat.

2 acres of Unit 1 is within the Wolf Creek Terrestrial Anchor.

Portions of Units 1, 2 and 3 (a total of 98 acres) are located within the Upper Rock Creek Aquatic Anchor.

Standard Bearer (Alternate): This is a 1 unit clearcut sale totaling 116 acres. The mixed conifer stands within this sale are 80 years old. The stands within this timber sale were thinned in 2000. The stands within the sale have a current condition of Understory with a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

No new road construction is expected for harvest. Approximately 9.7 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

Wolf's End: This is a 108 acre clearcut that consists of mixed conifer and red alder stands between 85 and 87 years old. Portions of the stands in this timber sale were thinned in 1995. The current condition of 87 acres is Layered and Understory on the remaining acres. The stands within the sale have a Desired Future Condition of non-complex. Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

No new road construction is expected for harvest. Approximately 11.6 miles of road will be improved, rocked and/or maintained in conjunction with this sale.

### **Wheeler Basin**

Scatter Shield: Approximately 51 acres of this sale is located within the Wheeler Basin. The full sale description can be found under the “**Upper Salmonberry Basin**” section.

### **Wilark Basin**

No harvest operation is planned for this basin.

## **Forest Roads Management**

### **Overview**

The State Forest Road network provides access for forest management activities, fire suppression, and recreation. Visions, guiding principles, and goals for managing the road network are discussed in the Northwest Oregon State Forests Management Plan (April 2010) and the State Forest Roads Manual (September 2006). The State Forest Roads Manual also provides standards and guidance for all road management activities and definitions, road classifications and other terms.

Almost all of the roadwork in this Annual Operations Plan is related to constructing spur roads and for improving haul routes for the Fiscal Year 2025 timber sales. This section describes the types of road management activities that will occur in Fiscal Year 2025 and the attached Forest Roads Summary Table (Appendix A, Table A-3) describes the anticipated total amounts.

### **Road Construction**

The District evaluates each timber sale and strives to build the minimum number of roads required, except where the District has identified road systems that can be moved away from existing streams to mitigate hydrological issues. This may result in more road miles, but relocating

roads away from the stream network is beneficial for watershed processes. The District tries to limit the number of stream crossings where possible when building new roads. Where stream crossings are unavoidable, new and replacement stream crossings will be designed to meet National Oceanic and Atmospheric Administration Fisheries (2022) passage criteria to maintain passage for covered fish species where applicable and follow best management practices outlined in the State Forest Roads Manual. All planned road construction is reviewed by the geotechnical specialist to ensure that new roads are located in stable locations to provide the best protection to natural resources while meeting the objective of the road. Discussions are held regarding the long-term use of the road by district staff for reforestation and future management, and whether a road needs to be surfaced or if it can be left unsurfaced. Financial costs of the construction and long-term maintenance are considered as well as potential impact to sale operations, anticipated closures related to weather, and long-term impact to wildlife and recreation.

Minimal roads will be built within Habitat Conservation Areas and Riparian Conservation Area. The intent is to be very deliberate when building roads in these locations and ensure that other options were reviewed and that the planned road location is required and that other alternatives were not operationally or economically feasible.

### **Road Improvement**

Road improvement projects will use ODF road inventory protocols to assess existing road drainage, stability, and vegetation conditions, and to aid in the development of transportation system improvement plans. Road Improvement activities will follow the guidance of the State Forest Roads Manual, State Forest Stewardship Agreement, and Chapter 4 of the Draft Habitat Conservation Plan. Road improvement is generally accomplished through timber sale or Work order contracts. The majority of this improvement work will be performed on collector and spur roads and will consist of installing or replacing existing culverts and bridges, ditchline or cutbank improvements, or sidecast pull back and stabilization efforts.

### **Road Maintenance**

Roads will be maintained as necessary to protect water quality and the road system asset value. Road maintenance activities will follow the maintenance guidance in Chapter 7 of the Forest Roads Manual, Forest Practices rules, and Chapter 4 of the Draft Habitat Conservation Plan. Road maintenance is accomplished under timber sale contracts for roads used for hauling forest products, using the State Forests Road crew or work order contracts. Maintenance is focused on ensuring proper drainage to prevent sediment entering streams. Collector roads and roads in active sale areas need and get the most maintenance. District personnel respond to heavy storms and thaw periods by performing road inspections, additional maintenance, and where necessary, stopping heavy truck use during periods when roads cannot handle traffic without damage to water quality or the road asset.

### **Work Order Contracts**

Road maintenance and improvement projects not associated with a timber sale will be primarily facilitated through Work Order Contracts. This process uses the same protocols and guidance outlined in the road improvement and maintenance sections but allows the department to be efficient in accomplishing this work and prepare for future projects. The work associated with these contracts can include bridge design, fish culvert installation, road brushing, road maintenance and repair, or repairing/replacing gates.

Other Planned Road Projects to be completed by Work Order Contract in the Fiscal Year 2025 Annual Operations Plan:

- Road Brushing – Brush approximately 50 miles of road in the Sunday Creek Basin.
- Stage Road Improvement – If feasible, road re-routing new construction, road improvement, road vacating, culvert installation and culvert removal on Stage Road.
- Fish Pipe Installation – Beaverdam 4.5mile Fish Pipe – Replace or reinstall the existing fish pipe at the 4.5mile on Beaverdam Road.
- McGregor Maintenance - Includes road maintenance on approximately 8 miles of road in the McGregor Basin.
- Rock Creek Crushing – Rock crushing and stockpile construction at the Rock Creek Ridge Quarry for Fiscal Year 2025 and 2026 timber sales.
- Bridge Installation - Chicken Camp Bridge – Replacement of the Chicken Camp Bridge located on Carlson Creek Road.
- Construction Administration of the Chicken Camp Bridge – Engineer oversight, inspections and approval of the installation of the Chicken Camp Bridge.
- South Fork Road Improvement – If feasible, road re-routing new construction, road improvement, road vacating, and culvert installation on South Fork Road.

## **Road Access Management**

State Forests are managed to support public access while providing for community safety, environmental benefits, protection of state and private assets, and wildfire prevention. Following timber harvest, roads are evaluated for their public access benefits and costs. Some roads are closed and vacated to reduce the maintenance costs and to minimize impacts to the environment. These areas remain open for walk-in use. The Department retains the option of gating roads if vandalism, neighbor concerns, or excessive road damage from public use becomes a problem in particular areas. The public may still access these areas on foot, bicycle or horseback.

## **Hydrologic Connectivity**

Hydrological connectivity surveys are performed on haul routes during sale layout. The intent of these surveys is to determine what portions of the road and ditchlines are directly connected to streams and determine if there are ways to minimize or mitigate the connection distances. ODF prioritizes road improvement projects that address hydrologic connectivity and culvert replacements that are barriers to fish migration on active or planned haul routes and sites of opportunity near active or planned haul routes. Road improvement and maintenance investments are made to support forest operations, protect existing road infrastructure and water quality, and provide for safety improvements. ODF also closely monitors road conditions on active haul routes and performs additional patrols and assessments during and after inclement weather events. The District will continue conducting hydrologic connectivity surveys and mitigating items discovered during the process.

## **Management of Rock Source/Supply**

The District provides durable rock for in-sale spurs and haul routes, which allows for year-round harvest opportunities. Rock quarry development, rock crushing, and/or purchasing

rock is necessary to provide sufficient quantities of the road rock for planned road construction, road improvement, and road maintenance activities.

Quarry developments are planned for the following operations; however, these plans are subject to change as timber sale project work is laid out:

- West Mac Quarry
- Wildcat Quarry
- Seven Cedars Quarry
- Barney Quarry
- Rock Creek Ridge Quarry
- West C-Line Quarry
- In-sale rock source on Wolf Creek Grade

Annually, the District requires between 2,000 to 4,000 cubic yards of crushed rock stockpiles for appraised road maintenance work. The District will continue to explore new rock sources and further development of existing rock quarries in Fiscal Year 2025.

## **Land Surveying**

Every year surveying needs are analyzed and planned to be kept at a minimum level while ensuring property lines and corners are clearly marked. Survey work may be accomplished through service contracts with licensed professional land surveyors, cost sharing with adjacent landowners or utilizing the licensed surveyor on staff with ODF. Land surveying may be necessary on the following sales:

- No surveys are needed.

## **Young Stand Management**

The State Forest strategy is to use a range of silvicultural tools to establish and maintain diverse stands of well-adapted natural species throughout the landscape to meet the objectives and goals in the NW Oregon State Forests Management Plan and District Implementation Plan. These tools include site preparation, planting, tree protection, vegetation management, pre-commercial thinning, early commercial thinning and interplanting or replanting. Each practice must be considered and prescribed for individual stands on a site-specific basis.

This section describes the types of reforestation and young stand management activities that will occur in Fiscal Year 2025 and the attached Young Stand Management Table (Appendix A, Table A-4) describes the anticipated total amounts. The location and amount (acres) of these activities are estimates based on plans, information and conditions as known at this point in time. The type, amount and specific stand management prescriptions will be further adjusted based on when existing harvest units are completed and on updated assessments and surveys that will occur during and after the 2024 growing season.

Reforestation activities will be completed by using experienced contractors. A portion of the activities will be completed by utilizing crews from South Fork Camp. These crews work on activities such as tree protection, mechanical hand release, and noxious weed control.

Seedlings / Nurseries: In order to meet the goals of the NW Oregon State Forests Management Plan, the State Forests Program requires tree seedlings that are physiologically healthy and



best suited for the planting sites. A wide variety of seedlings are grown at forest nurseries throughout the Pacific Northwest to meet the reforestation needs. Seedlings are grown in three different stock types: 1) plug seedlings or one-year-old container grown seedlings, 2) plug ones which are grown one year in a container followed by a second year in a bare root bed, and 3) straight bare root seedlings grown from seed in a bare root bed and then transplanted to a lower stocking bare root bed. The budget accounts for a string of growing costs over several years rather than just those costs of the trees being grown and planted in the winter. The budget for seedlings includes portions of the costs for growing seedlings for three planting years. Additionally, there are costs associated with the seed that is used for growing the seedlings, estimated transportation costs and various costs associated with packaging and freezer and/or cooler storage. The individual species mixture and stock type used for a particular reforestation unit is determined after the final inventory from the forest nursery and varies by District.

## Site Preparation

Site preparation is any planned measure to prepare a site to allow for favorable growing conditions for newly planted seedlings. More than one of these techniques may be used for any given site based on the attributes and reforestation prescription for the site. The three main site preparation techniques are mechanical, chemical and slash burning.

- 1) Slash Burning: Slash burning can be accomplished by broadcast burning the entire unit or burning piles that result from mechanical site preparation.
- 2) Mechanical: Mechanical site preparation is the use of mechanized equipment to rearrange or alter forest slash and/or disturb the forest surface layer and vegetation to create seedbeds or planting spots. Planting spots are created in a fairly even distribution. Dense slash concentrations created during timber harvest may be mechanically piled as part of the timber sale contract.
- 3) Chemical: Chemical site preparation involves the application of herbicides to control competing vegetation before planting or natural regeneration and during the early stages of seedling establishment. Applications occur by two primary methods: aerially by helicopter or ground based with the use of backpack application equipment. The objective is to control brush species to allow stand establishment and maintain 2-3 years free of significant competing vegetation. The actual site preparation plan will be prepared in late spring when harvest unit availability and brush development is better known.

## Planting

Tree planting operations are conducted for various reasons. These include meeting Forest Practices Laws, quickly establishing a new stand of trees after timber harvesting, and increasing species diversity in the area and across the landscape. Planting is comprised of matching the appropriate species and stock type to the planting site. Forest health strategies are addressed on a site specific basis when the planting plan is developed. Site specific prescriptions consider target species, aspect, elevation, soil types, Swiss Needle Cast risk where applicable, *Phellinus weirii* (laminated root rot) presence, required stocking guidelines, natural advanced regeneration, and the desired future condition of the stand. To accomplish this, a mixture of species is planted to provide for a healthy, productive, and

sustainable forest ecosystem over time and to be more resilient to climate change. The following are different types of planting.

- 1) Initial Planting (Regeneration harvest units): Planting activities establish the desired species and stocking levels to meet the goals in the NW Oregon State Forests Management Plan and Forest Practices Laws. Planted seedlings will be well suited and adapted to the reforestation site and where appropriate, a mixture of species may be planted to increase diversity on the landscape.
- 2) Interplanting: Interplanting may occur when stocking levels fall below or are at risk of falling below Forest Practices Act minimums. In certain instances, interplanting will occur to increase stocking on high quality sites to fully capture the site. In other areas, lower stocking will be acceptable, as it will provide high quality early seral habitat while still meeting Forest Practices Act requirements.
- 3) Underplanting: This type of planting is occasionally conducted after thinning in order to introduce both species diversity and an additional future layer of structure into a stand.
- 4) Natural Regeneration: Units or portions of units are assessed prior to planting. Natural regeneration is considered primarily in western hemlock stands that have been salvaged from wind storms, where small gaps and holes less than 2 acres have been created in partial cut units, and in unit rock outcrops or cliffs. Natural regeneration of red alder and other minor species is used to provide diversity in all harvest units.

## **Tree Protection**

Animal damage on newly planted seedlings reduces their overall size, health and vigor. Extensive damage can lead to interplanting, may extend the time to achieve free to grow status as defined by the Forest Practices Act and prevent meeting NW Oregon State Forests Management Plan goals. Deer and elk, as well as mountain beaver, can heavily damage young seedlings. Various tree protection strategies are applied to help re-establish trees in areas with high concentrations of these species. Most commonly, various types of physical barriers (bud caps, vexar tubes, etc.) help prevent damage from big game. Direct control includes trapping mountain beaver in highly populated areas prior to planting helps prevent damage to newly planted seedlings.

## **Vegetation Management – Release Treatments**

Vegetation management is done to reduce light, moisture or nutrient competition from undesirable vegetation in a young stand of trees to improve survival and growth. It can also be used to alter tree species composition under pressure from insect and disease and favor species that are tolerant or resistant to the threat. Vegetation management may be required to meet forest practices reforestation stocking requirements, the NW Oregon State Forests Management Plan and the District Implementation Plan. There are two types of vegetation management, chemical and manual release treatments. They are described below.

Chemical Release: Chemical release treatments involve the application of herbicides to control undesirable vegetation. Typical application methods are broadcast, directed spray, and hack and squirt. Broadcast application treatments are sprayed over the top of seedlings and undesirable vegetation using either aerial or backpack methods. Directed spray applications are made with a backpack and target individual plants. This method is often used to remove invasive species such as Scotch broom from young stands. Hack and squirt involves basal or stem

injection of chemicals. This method is typically applied to hardwoods as a way to release conifers from hardwood competition.

**Manual Release:** Manual release can include cutting down of noxious weeds or hardwoods. Hardwood release is used when ingrowth of hardwoods, mainly red alder in the northwest and madrone and tanoak in the southwest, threaten to change the stand from conifer dominate to hardwood dominate. In this treatment, the majority of hardwoods are removed using chainsaws leaving all of the conifer trees. This differs from Pre-Commercial Thinning (described below) in the fact that conifer spacing and species are not manipulated. While hardwoods are important on the landscape and some are retained, long-term conifer production is the goal for many stands across the district.

### **Pre-Commercial Thinning**

Pre-Commercial Thinning is a silviculture activity used to manipulate the density, structure or species composition of overstocked young forest stands. Generally, the purpose of a Pre-Commercial Thinning operation is to release the biggest and best growing trees so they can maintain their growth. Pre-Commercial Thinning is normally conducted in a stand between the ages of 10 and 20 years old. In areas of disease such as Swiss Needle Cast or *Phellinus weirii*, Pre-Commercial Thinning can be used to favor species other than impacted Douglas-fir trees in the residual stand.

### **Pruning**

No pruning activities are planned for this Annual Operations Plan.

### **Stocking Surveys**

The Reforestation Unit has the responsibility of ensuring that the goals of the NW Oregon State Forests Management Plan are met. Stocking surveys is one tool to ensure the stands are on track for the desired future condition. The surveys are done in order to check initial plantation survival at a time when the seedlings are vulnerable and there is still time to remedy problems, by using interplanting and animal damage control measures as examples. In addition, stocking surveys are conducted in order to assess free-to-grow status and to get baseline data on the stand for future management planning, for example evaluating release treatments and pre-commercial thinning candidates.

### **Invasive Species**

Most noxious weeds or invasive plants are found along roads and have spread into plantations. The main sources for the weed introduction into the forest are vehicle tires, equipment moved into and out of district, and where soil disturbance occurs. 100% weed-free grass seed and certified weed-free straw used for mulch is required for project work on roads. Equipment washing is required in timber sale contracts to prevent the introduction of weed seed from other sites. It is also required that weed-free hay is used for feeding stock on State Forest Lands.

Reforestation continues to work with Marketing, Forest Roads, and Recreation, Education and Interpretation Team personnel to identify appropriate steps that can be taken to prevent the introduction and spread of invasive plants. Knotweed, Scotch broom, and false brome

are the primary species known to exist in the District. Active control measures are being planned and prioritized for roadside, in-unit, and trail treatment.

## **Roadside Vegetation Management**

Reforestation works with the Forest Roads personnel on the management of vegetation alongside forest roads. Vegetation management protects the investment by preventing damage from unchecked vegetation growth, helps to maintain a safe driving environment by maintaining clear sight distance, controls noxious weeds, and reduces fire hazards. Roadside vegetation will be controlled manually, mechanically or chemically where necessary. The method used will depend on the characteristics of the vegetation and its location. During the spring of 2024, roadside vegetation surveys will be conducted to determine roadside chemical treatment needs for Fiscal Year 2025. The project will be done by utilizing experienced contractors.

## **Recreation Management**

### **Overview of Recreation Management**

Recreation use has been taking place on the Tillamook State Forest for more than 70 years and has been managed in varying degrees. Currently the direction for management of the Recreation Program flows from the NW Oregon State Forests Management Plan (2010).

Recreation use includes hunting, fishing, target shooting, Off-Highway Vehicle (OHV) riding, mountain biking, hiking, equestrian use, mushroom picking, sight-seeing, picnicking, boating, swimming, and camping. Recreation use takes place in developed sites and in dispersed sites across state forest land. Use levels for all activities are expected to increase.

Dispersed site activities are expected to continue in Fiscal Year 2025 and will require varying degrees of Recreation Program and district staff attention. Dispersed use sites will be monitored, maintained, and improved or closed as resources allow to meet safety, sanitation, and resource protection objectives.

Due to facility and trail maintenance needs, winter weather limitations, timber sale activity, fire season restrictions, and staffing vacancies some project work from Fiscal Year 2024 will extend into Fiscal Year 2025.

The Fiscal Year 2025 plan focuses on maintaining current trails, facilities, and opportunities by maintaining existing infrastructure, providing resources for addressing public safety and sanitation, and mitigating recreational impact to natural resources. The Recreation Program will also take a step back from trail system development and focus on internal business processes to improve internal integration with other state forest business, improve spatial data organization, standardize recreation infrastructure, improve information delivery to the public, and align operational activities with the guidelines and requirements identified in the Draft Habitat Conservation Plan.

**Facilities (Campgrounds, Viewpoints, Trailheads, etc.)**

The Recreation Program operates and maintains the following developed facilities on the Forest Grove District:

- 5 campgrounds
- 2 day-use picnic areas
- 2 highway wayside interpretive sites
- 16 trailhead facilities
- 4 target shooting lanes

Fiscal Year 2025 Facility projects on the Forest Grove District are identified and described in the following table (Table 6).

**Table 6. Facility Projects**

Project Type	Project Name	Project Status	Work Resources	Project Description
Facility Maintenance	Rogers Camp	Ongoing- Approved in Fiscal Year 2023	District Road Staff, Off-Highway Vehicle Staff, Contractor	Rocking and grading Rogers Camp Trailhead and OHV Staging Area

**Facility Maintenance**

Maintenance of existing facilities remains the Recreation Programs’ highest priority. Facilities will be maintained as necessary to protect investment, address developing resource and safety issues, and to protect water quality.

Facility maintenance work includes the completion of facility condition assessments on all facility infrastructure, prioritization of maintenance needs, development of maintenance plans, and completion of maintenance work identified. Standard facility maintenance work includes performing maintenance activities on restrooms, trash and garbage services, facility access roads and trails, facility infrastructure (picnic tables, fire pits, potable water wells, grey water disposal areas, tent pads, wood storage sheds, picnic shelters, parking areas...etc.), sign and information board infrastructure, and vegetation management.

Heavy facility maintenance work such as addressing landslides, sinkholes, flood damage, and downed trees which results from winter storms will be incorporated into facility maintenance plans and conducted as needed.

Facility maintenance needs vary year to year based on factors such as volume of use and seasonal weather conditions.

**Motorized (OHV) Trails**

The Recreation Program will continue to place emphasis on the maintenance and upgrade of existing trails. Upgrades will be focused on improving trail system connectivity and diversity, reducing user conflict, addressing user safety, natural resource protection, recreational infrastructure investment protection, improving sustainability, and reducing maintenance workload.

To support OHV Program management, ODF receives All-Terrain Vehicle Fund dollars from Oregon Parks and Recreation Department to support personnel and associated service and supply costs.

Fiscal Year 2025 motorized trail projects on the Forest Grove District are identified and described in the following table (Table 7).

**Table 7. Motorized Trail Projects**

Project Type	Project Name	Project Status	Work Resources	Project Description
Construction	Quarry Trail Bridge Replacement	Fiscal Year 2025	OHV Program Staff	Trail bridge removal and construction of a 25' long trail bridge to replace the existing trail bridge that has exceeded its lifespan and no longer meets current design standards.

**Non-motorized Trails**

The Recreation program will continue to place emphasis on maintenance, and upgrade of existing trails. Upgrades will be focused on improving trail system connectivity and diversity, reducing user conflict, addressing user safety, natural resource protection, recreational infrastructure investment protection, improving sustainability, and reducing maintenance workload.

Fiscal Year 2025 non-motorized trail projects on the Forest Grove District are identified and described in the following table (Table 8).

**Table 8. Non-Motorized Trail Projects**

Project Type	Project Name	Project Status	Work Resources	Project Description
Construction	Wilson River Trail Segment D Bridge #1	Ongoing-approved in Fiscal Year 2023	Recreation Staff, AIC Crews	Planning work completed in FY24. Construction work to be completed in FY25.
Construction	Wilson River Trail Segment D	Approved in Fiscal Year 2022	Recreation Staff, Contractor	Total project length is 6.2 miles. Construction of 4 miles is expected to be completed in Fiscal Year 2025 and may carry into Fiscal Year 2026. Work to be completed by contractor.
Construction	Larch Mountain Trail Construction	Fiscal Year 2025	Recreation Staff, Volunteers	Construction of downhill mountain bike trail.

## **Trail Maintenance (Motorized and Non-motorized)**

Maintenance of existing trails remains the Recreation Program's highest trail program priority. Trails will be maintained as necessary to protect investment, address developing resource and safety issues, and to protect water quality.

Trail maintenance work includes the completion of trail condition assessments on all trails and trail infrastructure, prioritization of maintenance needs, development of maintenance plans, and completion of maintenance work identified. Standard trail maintenance work includes activities such as cleaning water bars and rolling dips, cleaning out culverts, performing trail tread repair work, cleaning trail bridges, clearing downed trees, vegetation management, sign infrastructure maintenance, and trail infrastructure repair or replacement.

Heavy trail maintenance work such as addressing landslides, sinkholes, flood damage, and downed trees which results from winter storms will be incorporated into trail maintenance plans and conducted as needed.

Trail maintenance needs vary year to year based on factors such as volume of use and seasonal weather conditions.

## **Hydrologic Connectivity**

Hydrological connectivity surveys will be performed on trails during trail maintenance and condition assessments. The intent of these surveys is to determine what portions of the road and ditchlines are directly connected to streams and determine if there are ways to minimize or mitigate the connection distances. The Recreation Program prioritizes trail improvement projects that address hydrologic connectivity and culvert replacements that are barriers to fish migration. Trail maintenance investments will be made to support recreational opportunities, protect existing trail infrastructure, protect water quality, and provide for public safety improvements. The Recreation Program monitors trail conditions year-round and performs additional assessments during and after inclement weather events. The Recreation Program will incorporate items discovered during the process into annual maintenance plans to be mitigated.

## **Timber Sale and Recreation Resource Interactions**

As a working forest it is inevitable that as we plan future timber harvests there is interaction with our growing recreational infrastructure. The Marketing, Roads, and Recreation staff collaborate when sale and recreation resource interactions occur and develop actions to minimize impact to recreational infrastructure and address natural resource impact when trails do not meet sustainability or resource protection goals.

Details have been added to Pre-Operation reports for each timber sale that has nearby recreational resources to detail what actions are planned for the recreational resource.

Timber sales may extend for several years depending on the flow of operations. The table below lists the planned 2025 Fiscal Year timber sales that will impact recreation resources.

**Table 9. Timber Sale & Recreation Resource Interactions**

Project Type	Timber Sale Name	Trail Name	Project Description
Planning	Beaver Power (alt)	Island Trail	Trails impacted by timber sale activity will be temporarily closed due to public safety concerns and re-opened once harvest activity is completed and trail repairs are completed if necessary. See timber sale pre-op reports for additional information.
Planning	Rodger Dodger	Bates Road Trail	
Planning	Saddle Time	Cedar Tree Trail	
Planning	Final Round	Gales Creek Trail	

**Volunteer Program and Partnerships**

Volunteers contribute labor, supplies, and expertise to the Recreation, Education, and Interpretation Program. Volunteers have partnered with ODF to construct new trails, maintain infrastructure, and preserve natural resources.

Volunteer activities include:

- Camp Host Program at Gales Creek, Reehers Camp, & Browns Camp Campgrounds
- Non-profit and user group led trail maintenance and construction work parties

In Fiscal Year 2025, activities associated with the volunteer program will include the recruitment, selection, and management of campground hosts, planning and management of volunteer trail maintenance and development work, and special volunteer projects.

The Recreation Program continues to partner with local recreation providers and volunteers to maintain working relationships and accomplish work. The program will continue to look for opportunities to develop new partnerships and to enhance existing partnerships that will increase our collective capacity to meet program and project goals and objectives.

**Event Management**

Recreation staff will review and/or administer permits for 15 motorized events on the Tillamook State Forest. Events include motorcycle races, four-wheel drive events, dual sport events, and observed motorcycle trials.

Recreation and District staff will process and administer a limited number of permits for recreation related special uses of State Forest Lands. Special uses include commercial and non-commercial activities such as guide services, filming for advertisements, and trail running events. Special use permits for a 25k 50k and marathon distance running event, a cross country running camp and hunting guides are planned for renewal in Fiscal Year 2025.

**Grants**

The program will be exploring applying for grants to support a variety of infrastructure projects across state forest land.



The Recreation Program will also be partnering with clubs and organizations that will be submitting grant applications to advance Recreation Program work in NW Oregon Area.

## **Target Shooting**

The Recreation Program, in collaboration with our partners in the target shooting community and Forest Grove District, will continue to work on implementing a target shooting management strategy that will work towards:

- Resolving safety, sanitation, and environmental issues.
- Reducing the fire potential associated with target shooting.
- Developing public ownership and involvement in the development and implementation of the strategy.
- Maintaining safe and sustainable opportunities for recreational target shooting on the Tillamook State Forest.

## **Other Integrated Forest Management Projects**

### **Aquatic & Riparian Management**

All fish bearing streams found in State Forests are subject to the Management Standards for Aquatic and Riparian Areas as outlined in Appendix J found in the NW Oregon State Forests Management Plan (2010). An objective of State Forests' aquatic resources is to maintain, enhance, and restore quality fish habitat. This is achieved primarily through riparian buffer strategies specific to the aquatic resource characteristics such as presence of fish, size, and flow duration. The goal of all riparian management prescriptions is to obtain mature forest conditions (e.g., development of the natural community appropriate for that site) as expediently as possible. Aquatic Anchors have been established on watersheds in the District in which additional aquatic conservation measures are applied when regeneration harvesting.

Several strategies, described in the NW Oregon State Forests Management Plan, dictate protection measures designed to protect, maintain, and restore aquatic and riparian functions. These strategies are employed during harvest activities and include but are not limited to: leave trees adjacent to streams to protect stream temperature, provide nutrients, protect stream banks, and eventually provide wood to improve fish habitat. Best management practices for road construction, reconstruction, and maintenance minimize impacts to water quality.

In addition to the strategies detailed in the NW Oregon State Forests Management Plan all goals and strategies identified within the Draft Habitat Conservation Plan will be followed for Fiscal Year 2025 timber sales. These goals and strategies at times will overlap with those within the NW Oregon State Forests Management Plan. Final stream protection configurations will be determined during sale layout to ensure compliance with NW Oregon State Forests Management Plan and Habitat Conservation Plan strategies.

Threatened and Endangered Fish Species: Federally Threatened Salmon and Steelhead listed species with Critical Habitat Designations found within the District include Oregon Coast Coho Salmon, Upper Willamette River Chinook, and Upper Willamette River Steelhead.

Fish Distribution Surveys: Streams are classified in part as supporting fish (Type F) or not supporting fish (Type N). Riparian protection measures depend in part on the presence of fish. Many streams in the past have been surveyed with electro-fishing techniques that established

the upper extent of fish use. However, many small streams have not yet been surveyed for fish presence. Streams needing classification in the Annual Operations Plan will be evaluated with a Physical Habitat Survey. The physical methodology was developed in conjunction with Oregon Department of Fish and Wildlife. The seasonal/perennial break in the streams will be evaluated during fish distribution surveys or during sale layout.

Restoration Goals and Identification Process: The overarching principles for fish habitat restoration are described in the NW Oregon State Forests Management Plan. There are stream enhancement opportunities identified in association with some sales in this Annual Operations Plan. Before determining if these potential projects will go into a full planning process, more field review is needed. The ODF Aquatic and Riparian Specialist will be consulted to help identify these candidates and may consult with Oregon Department of Fish and Wildlife fish biologists as needed.

Potential Stream Projects may be associated with the following Timber Sales:

- Finger Creek
- Rock Music
- Sidewinder
- Thin Piper

Other Planned Projects to improve aquatic areas within the Fiscal Year 2025 Annual Operations Plan:

- The replacement of a culvert on Beaverdam Road at the 4.5mile.
- Stage Road Improvement
- South Fork Road Improvement
- Continue conducting hydrologic connectivity surveys and mitigating items discovered during this process.

Restoration accomplishments are reported to Oregon Watershed Enhancement Board using the Oregon Watershed Restoration Inventory electronic filing process and reported by ODF annually in our report to the counties, board of forestry, and Department of State Lands.

Personnel on the Forest Grove District actively participate on the Upper Nehalem and the Tualatin River Watershed Councils.

## **Land Exchange**

There are no active land exchange projects for this Annual Operations Plan.

## **Law Enforcement and Public Safety**

ODF and the Tillamook County Sheriff's Office partner to maintain 3 full time forest deputies that are funded through all-terrain vehicle grants and ODF dollars. Recreation Program and District staff work in partnership with the forest deputies, the Tillamook County Sheriff's Office, and the District staff to facilitate the law enforcement activity across the Tillamook State Forest. This partnership is managed out of the Tillamook District office.

The forest deputies enforce state, federal, and forest recreation laws with an emphasis on all-terrain vehicle enforcement as they patrol the forest. Deputies also provide search and

rescue services as needed. Fire laws pertinent to recreation use are enforced by the forest deputies, fire protection staff, and recreation staff. The forest deputies are essential to the success and overall management of the forest and their presence benefits all forest users.

Recreation program and District staff also work closely with the Washington County Sheriff's Office and Oregon State Patrol to support and facilitate law enforcement patrol, EMS, and search and rescue activities on the Tillamook State Forest in western Washington County.

### **Firewood Cutting Program**

The primary objective of the District Firewood Cutting Program is to provide a source of firewood from State Forests to the public for personal use. The permit fee for personal firewood cutting is \$20 for two cords. Permits are issued for a period of three weeks. Historically firewood cutting has only been allowed outside the months of fire season.

### **Non-Timber Forest Products**

Approximately 200 miscellaneous forest products permits are sold each year, mostly for salal and mushrooms, generating approximately \$20,000 in revenue.

## **Planning**

Below are the significant district-level planning projects currently scheduled for commencement, completion, or both in Fiscal Year 2025.

### **Archaeological, Historical and Cultural Resources**

All of the operations have been reviewed against the State Historic Preservation Office and General Land Office databases for potential impact to cultural resources. All of the operations have been shared with the nine federally recognized Tribes in Oregon.

### **Forest Inventory**

The State Forests Division is developing a lidar-based inventory that will replace Stand Level Inventory when completed. Lidar data was collected in 2020 for most ODF lands. Contract crews collected USFS Forest Inventory Analysis plots in 2021. The State Forest Division's Inventory Program is in the process of developing a raster-based estimate of forest biometrics across most of its ownership.

### **Wildlife Surveys**

#### Northern Spotted Owl Surveys

For the Fiscal Year 2025 Annual Operations Plan, the District will continue the northern spotted owl survey program, in order to comply with federal and state Endangered Species Acts and to contribute to NW Oregon State Forests Management Plan goals. Survey requirements are determined in accordance with *ODF Northern Spotted Owl Operational Policies*, November 2017. If ODF obtains a Habitat Conservation Plan these policies will be re-evaluated.

### Marbled Murrelet Surveys

In Fiscal Year 2025, the District will continue its marbled murrelet survey program in order to comply with Federal and State Endangered Species Acts and to contribute to NW Oregon State Forests Management Plan goals. Survey requirements are determined in accordance with ODF policy, guidance, and survey protocols. If ODF obtains a Habitat Conservation Plan these policies will be re-evaluated.

### Threatened & Endangered Plants

The District will continue to screen harvest operations against the Oregon Biodiversity Information Center database and other known locations on the District to identify potential conflicts with plant species listed in the District Implementation Plan.

### Species of Concern Wildlife

The District will continue to screen harvest operations against several wildlife databases to identify potential conflicts with species of concern listed in the District Implementation Plan. In 2023, ODFW released a new mapping tool that identifies Priority Wildlife Connectivity Areas that include recommendations to facilitate wildlife movement. ODF and ODFW are working together to determine how these mapped areas will be incorporated into the upcoming long-range planning processes. For this Annual Operations Plan, ODF and ODFW biologists have been engaged in discussions to explore potential conservation opportunities and forest management strategies that may benefit wildlife habitat connectivity in these areas.

## **Research and Monitoring**

The Forest Grove District will assist in a variety of research and monitoring projects in Fiscal Year 2025. Examples include:

- ◆ Red alder research areas.
- ◆ White Pine Blister Rust resistance studies.
- ◆ Oregon State University research areas (commercial thinning and wildlife studies).
- ◆ Commercial thinning and *Phellinus weirii* research areas.
- ◆ Commercial thinning and Swiss Needle Cast study areas.
- ◆ Riparian zone functions study areas.
- ◆ Green tree retention and seedling growth demonstration areas.
- ◆ Oregon State University Intensive Forest Management study.
- ◆ American beaver activity surveys within the Oregon Department of Fish and Wildlife's Gales Creek and Nehalem River Headwaters Beaver Emphasis Areas.
- ◆ Watershed Monitoring Study (Upper Nehalem Watershed Council)
- ◆ Red Tree Vole Study (National Council for Air and Stream Improvement)
- ◆ Pacific University research areas (fire on decomposition study)

## **Recreation, Education, and Interpretation Program**

In Fiscal Year 2025, Recreation, Education, and Interpretation Program staff will be working on the following planning efforts.

- Support the State Forest Division’s NW Oregon State Forests Management Plan work, Habitat Conservation Plan work and District Annual Operations Plan development and implementation.
- Recreation Standards Manual Development - Recreation, Education, and Interpretation to work with a consultant to develop a Recreation Program Standards Manual for recreation facility infrastructure (ex. fire pits, information boards, picnic tables, site signs, etc.). This project began in Fiscal Year 2023 and will continue in Fiscal Year 2025.
- Volunteer Program Manual - The Recreation, Education, and Interpretation Program is undergoing an extensive re-evaluation of the volunteer program including onboarding, communication, and recruitment components. The deliverable of this process will be development of a volunteer manual that will be applied across all forests and programs. This project began in Fiscal Year 2023 and will continue in Fiscal Year 2025.
- Recreation Data Management Business Improvement- The Recreation Program is in process of updating the management of recreation trail and facility spatial data to improve internal integration, operational and maintenance efficiency, delivery of information to the public, and implement new tracking and reporting requirements.

### **Other Planning Operations**

In conjunction with the Recreation, Education, and Interpretation Team, the District will provide input and context to recreation planning. The district will also continue to participate in NW Oregon State Forests Management Plan and Habitat Conservation Plan reviews as needed.

## **Public Information and Education**

The Recreation, Education & Interpretation Program offers various interpretation and educational programs and services on the State Forest system, with primary offerings featured at the Tillamook Forest Center (TFC), located at milepost 22 on the Wilson River Highway (Highway 6). The TFC is ODF’s only visitors’ center, and while located on the Tillamook District, it serves as a hub for public education on forest-related topics, active forest management, fire prevention messaging, agency wide initiatives, and general information about the variety of recreational opportunities available on state forests, while also offering meaningful interpretive programs to help promote a culture of forest stewardship. The Tillamook Forest Center continues to host many school groups, family activities, and other forest visitors, and is open March through November annually.

The REI Program is also actively engaged in additional community outreach and engagement efforts to raise awareness about the Program itself and the many benefits provided by the recreational and educational opportunities available on state forest lands. It should be noted that the REI Program staff is relatively small, and gratefully depends on the significant investments made by long-standing and committed volunteers, use-community partnerships, and generous donations to the Program’s nonprofit funding partner, the State Forests Trust of Oregon, to help maintain and sustain its existing services and infrastructure to the public.

## **Administration**

During Fiscal Year 2025 the district will be transitioning to a new organization. There will be 17 permanent positions whose full-time function is to manage State Forest land on the District and 4 permanent positions who work part-time on management of State Forest land. In addition, the District will be supported by the NW Oregon Area Recreation, Education, and Interpretation Team and the NW Oregon Area Operations Team as well as the Division Planning and Coordination Team. All are responsible for implementing the Fiscal Year 2025 Annual Operations Plan. The district positions are divided into 4 functional groups: Forest Management, Forest Roads, Reforestation, and Administration. See the attached organizational chart.

There is a Marketing Unit which is responsible for all aspects of timber marketing. These activities include participating in the planning process, unit layout, assisting with road layout and design, timber cruising, timber sale appraisal, contract writing, contract administration, and coordinating with the Operations; Recreation, Education, and Interpretation; and Planning and Coordination Teams.

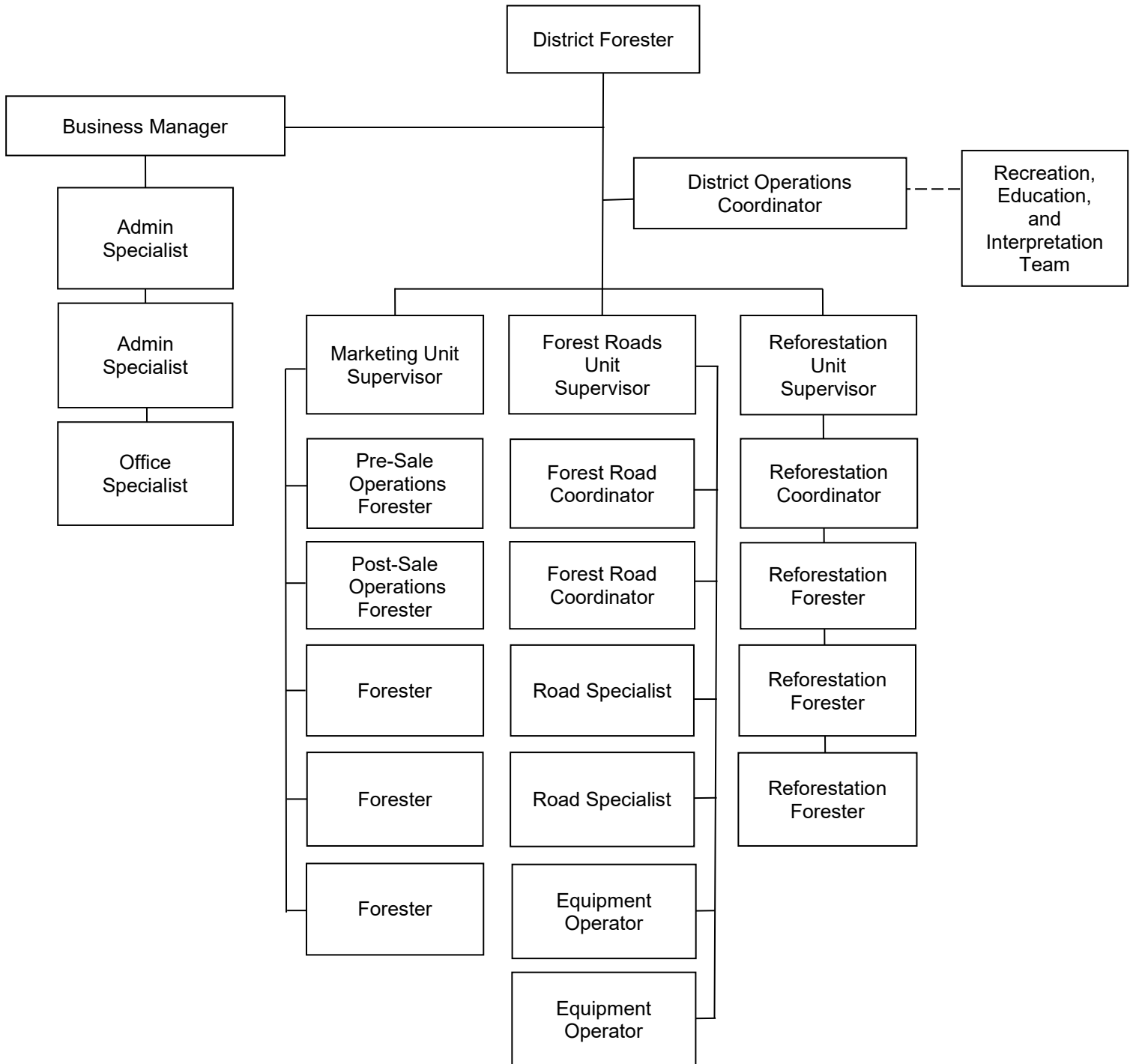
The Forest Roads Unit is responsible for all aspects of road management and land surveying. These activities include road design and layout, rock pit development, road maintenance, property line location, road construction and improvement appraisals, contract preparation, and road contract administration. The Forest Roads unit works with the Operations; Recreation, Education, and Interpretation; and Planning and Coordination Teams in developing the Annual Operations Plan.

The Reforestation Unit is responsible for all activities in forest plantations from the time the harvesting is complete until the new stand produces commercial timber. The activities of this unit include site preparation, trapping, tree planting, vegetation management, tree improvement, and pre-commercial thinning. The reforestation unit also coordinates South Fork crews and administers contracts to complete these tasks. The Reforestation Unit will coordinate with the Recreation, Education, and Interpretation Team as needed.

Administration consists of the District Forester, District Operations Coordinator, Office Manager, and Office Specialists. The District Forester and District Operations Coordinator provide policy direction, budget development, and oversight to the field units. The Office Manager, and Office Specialists provide clerical support to State Forest Management. These positions are responsible for initial public contact, distribution and filing of documents, and providing assistance at timber sale auctions. The Office Specialist is also responsible for issuing permits for firewood cutting, and special forest products.

Each of these units and teams are responsible for ensuring the management approaches, activities, and projects are designed to meet the goals, strategies, and objectives of the NW Oregon State Forests Management Plan, Implementation Plan, Annual Operations Plan, and Recreation Plan. The sales and projects are coordinated across the district and with the NW Oregon Area and Division Teams from the development of the Annual Operations Plan to the final sale administration for consistency within and between units to meet common goals.

# Forest Grove District Organization Chart



## **APPENDICES**

### **A. Summary Tables**

1. Harvest Operations – Financial Summary
2. Harvest Operations – Forest Resource Summary
3. Forest Road Management Summary
4. Reforestation and Young Stand Management Summary
5. Recreation Management Summary

### **B. Vicinity Maps**

1. Harvest Operations Vicinity Map
2. Recreation Facilities Vicinity Map
3. Recreation Projects Vicinity Map

### **C. Consultations with Other State Agencies**

This appendix summarizes the results of consultations with the Oregon Department of Fish and Wildlife, Oregon Department of Transportation and other agencies as appropriate.

### **D. Public Comment Process**

This appendix will describe the results of the public involvement process of this Annual Operations Plan.

### **E. Pre-Operations Reports**

Pre-Operations Reports are available from the district upon request.

### **F. Forest Land Management Classification**

### **G. Landscape Design**



## **Appendix A – Summary Tables**

- **Table A-1: Commercial Forest Management Operations - Financial Summary**
- **Table A-2: Commercial Forest Management Operations – Forest Resource Summary**
- **Table A-3: Forest Roads Summary**
- **Table A-4: Reforestation and Young Stand Management Summary**
- **Table A-5: Recreation Management – Financial Summary**

## TIMBER HARVEST OPERATIONS - FINANCIAL SUMMARY

District: Forest Grove

Fiscal Year: 2025

Date: 04/01/2024

AOP Sale Name	Fund %		County	Sale Quarter	Net Acres		Volume (MMBF)		Total	Value		
	BOF	CSL			Partial Cut	Clearcut	Conifer	Hardwoods		Gross	Projects	Net
Blind Alley	100%		Washington	4		114	4.4		4.4	\$2,378,610	\$112,800	\$2,265,810
Final Round	100%		Washington	1		105	3.4		3.4	\$1,461,600	\$230,300	\$1,231,300
Finger Creek	100%		Washington	3	29	116	4.8		4.8	\$2,300,425	\$470,400	\$1,830,025
Nine Iron	100%		Tillamook	1		85	2.8		2.8	\$1,332,375	\$0	\$1,332,375
Rock Music	100%		Clatsop	2		111	4.4		4.4	\$2,331,000	\$102,400	\$2,228,600
Rodger Dodger	100%		Tillamook	2		106	4.0		4.0	\$1,752,180	\$97,700	\$1,654,480
Saddle Time	100%		Tillamook	2		113	4.4		4.4	\$1,828,905	\$147,700	\$1,681,205
Scatter Shield	100%		Tillamook	1	240		1.9		1.9	\$681,600	\$99,000	\$582,600
Sidewinder	100%		Washington	4		96	3.1		3.1	\$1,152,000	\$236,150	\$915,850
Sunday Prime	100%		Washington	4		105	4.7		4.7	\$2,646,000	\$345,000	\$2,301,000
Thin Piper	100%		Clatsop	3	161		1.9		1.9	\$724,500	\$117,200	\$607,300
Timbercat	100%		Washington	3		58	2.7		2.7	\$1,600,800	\$157,300	\$1,443,500
Wolf's End	100%		Washington	2		108	4.3		4.3	\$2,116,800	\$397,100	\$1,719,700

<b>Sub-total:</b>	430	1,117	46.8	0.0	46.8	\$22,306,795	\$2,513,050	\$19,793,745
<b>Project Work Order Contracts Sub-total:</b>	0	0	0.0	0.0	0.0		\$2,345,000	
<b>Total:</b>	430	1,117	46.8	0.0	46.8	\$22,306,795	\$4,858,050	\$17,448,745

### Alternate Operations

Beaver Power	100%		Tillamook			68	2.2		2.2	\$1,021,020	\$96,600	\$924,420
North Sun	100%		Washington			172	5.8		5.8	\$2,339,200	\$86,100	\$2,253,100
Rap Reimer	100%		Washington			197	7.3		7.3	\$2,842,710	\$279,400	\$2,563,310
Sappy	100%		Till/Wash			175	5.6		5.6	\$1,960,000	\$446,600	\$1,513,400
Standard Bearer	100%		Washington			116	4.1		4.1	\$1,522,500	\$77,000	\$1,445,500

<b>Total:</b>	0	728	25.0	0.0	25.0	\$9,685,430	\$985,700	\$8,699,730
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**PRIMARY HARVEST OPERATIONS - FOREST RESOURCE SUMMARY**

District: Forest Grove

Fiscal Year 2025

Date: 04/01/2024

This table lists Forest Resources and other issues addressed within Pre-Operations Report due to their presence within or near harvest operations

Primary Harvest Operations	Unit (Optional)	Forest Health Issues <sup>1</sup>	Invasive Species	Current LYR/OFS Structures <sup>2</sup>	Landcape Design LYR/OFS <sup>3</sup>	Habitat Conservation Area (HCA)	Install/Replace Culverts on Fish Bearing / Perennial Streams	Road/Trail Construction Inside RCA/HCA	Point of Diversion (Domestic Water)	Potential Stream Habitat Improvement <sup>4</sup>	Within Aquatic Anchor	Within Terrestrial Anchor	Operating within a NSO Provincial Circle (BA Required)	Operating within a MMMA (BA Required)	Murrelet Timber Sale Screening Process Required (MM Policy 2.27)	T&E Fish Adjacent to Harvest Unit / Haul Route <sup>5</sup>	T&E/SOC Species (Includes Plants)	Geotechnical - Additional Review Required	Recreation Sites	Scenic Resources	Other Resources or Issues
Blind Alley	1	-	X	-	-	-	X	-	X	-	-	-	-	-	-	X	X	X	-	-	
Final Round	1	-	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	X	-	-	
Finger Creek	1, 2	-	X	-	-	-	X	X	-	X	-	-	-	-	-	X	-	X	X	X	
Nine Iron	1	-	X	-	-	-	-	-	-	X	-	-	-	-	-	X	-	X	-	-	
Rock Music	1	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	
Rodger Dodger	1	-	X	X	-	-	-	-	-	-	-	-	-	-	-	X	-	X	X	X	4 acres of Current Condition of Layered
Saddle Time	1	-	X	X	-	-	X	-	-	-	-	-	-	-	-	X	-	X	X	-	11 acres of Current Condition of Layered
Scatter Shield	1 - 4	-	X	X	X	X	X	X	-	-	X	X	-	-	-	X	-	X	-	-	14 acres of Current Condition of Layered, 5 acres of Unit 1 are within Terrestrial Anchor
Sidewinder	1	-	X	-	-	-	-	-	-	X	-	-	-	-	-	X	-	X	-	-	
Sunday Prime	1	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	
Thin Piper	1 - 5	-	X	-	-	X	X	X	-	X	-	-	-	-	-	X	-	X	-	-	
Timbercat	1	-	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	X	-	X	
Wolf's End	1	-	X	X	-	-	X	-	-	-	-	-	-	-	-	X	-	X	-	-	87 acres of Current Condition of Layered

**ALTERNATE HARVEST OPERATIONS - FOREST RESOURCE SUMMARY**

This table lists Forest Resources and other issues addressed within Pre-Operations Report due to their presence within or near harvest operations

Alternate Harvest Operations	Unit (Optional)	Forest Health Issues <sup>1</sup>	Invasive Species	Current LYR/OFS Structures <sup>2</sup>	Landcape Design LYR/OFS <sup>3</sup>	Habitat Conservation Area (HCA)	Install/Replace Culverts on Fish Bearing / Perennial Streams	Road/Trail Construction Inside RCA/HCA	Point of Diversion (Domestic Water)	Potential Stream Habitat Improvement <sup>4</sup>	Within Aquatic Anchor	Within Terrestrial Anchor	Operating within a NSO Provincial Circle	Operating within a MMMA (BA Required)	Murrelet Timber Sale Screening Process Required (MM Policy 2.27)	T&E Fish Adjacent to Harvest Unit / Haul Route <sup>5</sup>	T&E/SOC Species (Includes Plants)	Geotechnical - Additional Review Required	Recreation Sites	Scenic Resources	Other Resources or Issues
Beaver Power	1	-	X	-	-	-	-	-	-	-	X	-	-	-	-	X	X	X	X	-	
North Sun	1, 2	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	
Rap Reimer	1 - 3	-	X	-	-	-	X	-	-	-	X	-	-	-	-	X	-	X	-	-	
Sappy	1 - 3	-	X	X	-	-	-	-	-	-	X	-	-	-	-	X	-	X	-	-	129 acres of Current Condition of Layered
Standard Bearer	1	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	

<sup>1</sup> A 'x' (in any column) indicates yes the resource or other issue occurs within or near the harvest operation and is addressed by the Pre-Operations Report

<sup>2</sup> A 'x' indicates the harvest operation contains stands that are currently in a Layered or Older Forest Stand Structure

<sup>3</sup> A 'x' indicate that the operation contains areas that have been designated for the development of complex forest stands (LYR/OFS)

<sup>4</sup> The final decision on these projects will occur during sale preparation and inconsultation with ODFW.

<sup>5</sup> This table lists harvest operations (units or log haul routes) that are adjacent to streams that are known to contain T&E fish. The Pre-Operation Report identifies whether T&E fish are present in the basin.

## FOREST ROADS SUMMARY

District: Forest Grove

Fiscal Year: 2025

Date: 04/01/2024

Primary Operations	Construction		Improvement, rock, and/or maintenance		Other Projects	Total Project Costs	Gross Value of Operation	Total Cost as a percent of Gross Value	Comments
	Miles	Cost	Miles	Cost					
Blind Alley	0.25	\$ 28,000	5.5	\$ 84,800	\$ -	\$ 112,800	\$ 2,378,610	4.7%	
Final Round	0.06	\$ 13,500	8.3	\$ 212,730	\$ 4,070	\$ 230,300	\$ 1,461,600	15.8%	
Finger Creek	1.00	\$120,000	7.56	\$ 200,400	\$ 150,000	\$ 470,400	\$ 2,300,425	20.4%	
Nine Iron	0.00	\$ -	0	\$ -	\$ -	\$ -	\$ 1,332,375	0.0%	
Rock Music	0.69	\$ 82,800	3.52	\$ 19,600	\$ -	\$ 102,400	\$ 2,331,000	4.4%	
Rodger Dodger	0.00	\$ -	1.72	\$ 97,700	\$ -	\$ 97,700	\$ 1,752,180	5.6%	
Saddle Time	0.28	\$ 24,140	10.9	\$ 98,560	\$ 25,000	\$ 147,700	\$ 1,828,905	8.1%	
Scatter Shield	0.64	\$ 11,500	11.05	\$ 87,500	\$ -	\$ 99,000	\$ 681,600	14.5%	
Sidewinder	0.60	\$ 10,500	19.54	\$ 200,650	\$ 25,000	\$ 236,150	\$ 1,152,000	20.5%	
Sunday Prime	0.00	\$ -	10.63	\$ 340,000	\$ 5,000	\$ 345,000	\$ 2,646,000	13.0%	
Thin Piper	0.65	\$ 24,000	14.4	\$ 85,750	\$ 7,450	\$ 117,200	\$ 724,500	16.2%	
Timbercat	0.69	\$108,900	1.46	\$ 48,400	\$ -	\$ 157,300	\$ 1,600,800	9.8%	
Wolf's End	0.00	\$ -	11.6	\$ 397,100	\$ -	\$ 397,100	\$ 2,116,800	18.8%	
<b>Sub-total</b>	<b>4.86</b>	<b>\$ 423,340</b>	<b>106.18</b>	<b>\$ 1,873,190</b>	<b>\$ 216,520</b>	<b>\$ 2,513,050</b>	<b>\$ 22,306,795</b>	<b>11.3%</b>	
<b>Sub-total Work Order Contract (see below)</b>	<b>1.50</b>	<b>\$ 250,000</b>	<b>59.50</b>	<b>\$ 875,000</b>	<b>\$ 1,220,000</b>	<b>\$ 2,345,000</b>			
<b>Totals</b>	<b>6.36</b>	<b>\$ 673,340</b>	<b>165.68</b>	<b>\$ 2,748,190</b>	<b>\$ 1,436,520</b>	<b>\$ 4,858,050</b>	<b>\$ 22,306,795</b>	<b>21.8%</b>	

### Alternate Operations

Beaver Power	0.07	\$ 6,700	8.1	\$ 77,900	\$ 12,000	\$ 96,600	\$ 1,021,020	9.5%	
North Sun	0.24	\$ 31,450	13.7	\$ 54,650	\$ -	\$ 86,100	\$ 2,339,200	3.7%	
Rap Reimer	0.00	\$ -	7.1	\$ 129,400	\$ 150,000	\$ 279,400	\$ 2,842,710	9.8%	
Sappy	0.14	\$ 29,760	16.2	\$ 404,040	\$ 12,800	\$ 446,600	\$ 1,960,000	22.8%	
Standard Bearer	0.00	\$ -	9.7	\$ 77,000	\$ -	\$ 77,000	\$ 1,960,000	3.9%	
<b>Total</b>	<b>0.45</b>	<b>\$ 67,910</b>	<b>54.80</b>	<b>\$ 742,990</b>	<b>\$ 174,800</b>	<b>\$ 985,700</b>	<b>\$ 10,122,930</b>	<b>9.7%</b>	

## FOREST ROADS SUMMARY

### Road Projects to be Completed as a Work Order Contract

Operation	Construction		Improvement, rock, and/or maintenance		Other Projects	Total Project Costs	Funding Source	Comments
	Miles	Cost	Miles	Cost				
Brushing Barney Block			50	\$ 75,000		\$ 75,000	FDF	
Stage Road Improvement	1.5	\$250,000				\$ 250,000	FDF	*If feasible, road re-routing new construction, road improvement, road vacating and culvert installation.
Beaverdam 4.5mi Fish Pipe					\$ 90,000	\$ 90,000	FDF	
McGregor Maintenance			8	\$ 300,000		\$ 300,000	FDF	Resurface McGregor Road, main haul route
Rock Creek Crushing					\$ 550,000	\$ 550,000	FDF	Rock Creek Ridge Quarry
Chicken Camp Bridge Install					\$ 550,000	\$ 550,000	FDF	Replacing ageing infrastructure with recycled bridge
Construction Administration Chicken Camp Bridge					\$ 30,000	\$ 30,000	FDF	Engineer oversight and approval
South Fork Road Improvement			1.5	\$ 500,000		\$ 500,000	FDF	*If feasible, road re-routing new construction, road improvement, road vacating and culvert installation.
<b>Total</b>	<b>1.50</b>	<b>\$ 250,000</b>	<b>59.50</b>	<b>\$ 875,000</b>	<b>\$ 1,220,000</b>	<b>\$ 2,345,000</b>		

## REFORESTATION AND YOUNG STAND MANAGEMENT SUMMARY

District: Forest Grove

Fiscal Year: 2025

Date: 04/01/2024

Projects Conducted by ODF Staff or Contractors	Board of Forestry			Common School Forest Lands			District	
	Acres Planned	Average Cost*/Acre	BOF Cost	Acres Planned	Average Cost*/Acre	CSL Cost	Total Acres	Total Cost
Site Prep - Broadcast Burning	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Site Prep - Piling Burning	700	\$28.57	\$19,999.00	0	\$0.00	\$0.00	700	\$19,999.00
Site Prep - Mechanical**	200	\$0.00	\$0.00	0	\$0.00	\$0.00	200	\$0.00
Site Prep - Chemical - Aerial	901	\$88.75	\$79,963.75	0	\$0.00	\$0.00	901	\$79,963.75
Site Prep - Chemical - Ground	302	\$158.75	\$47,942.50	0	\$0.00	\$0.00	302	\$47,942.50
Initial Planting	1,203	\$235.00	\$282,705.00	0	\$0.00	\$0.00	1,203	\$282,705.00
Interplanting	250	\$180.00	\$45,000.00	0	\$0.00	\$0.00	250	\$45,000.00
Underplanting	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Tree Protection - Barriers	485	\$140.46	\$68,123.10	0	\$0.00	\$0.00	485	\$68,123.10
Tree Protection - Direct Control	608	\$150.00	\$91,200.00	0	\$0.00	\$0.00	608	\$91,200.00
Release - Chemical - Aerial	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Release - Chemical - Ground	300	\$148.75	\$44,625.00	0	\$0.00	\$0.00	300	\$44,625.00
Release - Manual	250	\$160.00	\$40,000.00	0	\$0.00	\$0.00	250	\$40,000.00
Precommercial Thinning	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Pruning	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
*Stocking Surveys	3,500	\$0.00	\$0.00	0	\$0.00	\$0.00	3,500	\$0.00
Invasive Species	275	\$155.00	\$42,625.00	0	\$0.00	\$0.00	275	\$42,625.00
Roadside Vegetation Mngt	125	\$200.00	\$25,000.00	0	\$0.00	\$0.00	125	\$25,000.00
*Other	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
<b>Totals</b>	<b>9,099</b>	<b>--</b>	<b>\$787,183.35</b>	<b>0</b>	<b>--</b>	<b>\$0.00</b>	<b>9,099</b>	<b>\$787,183.35</b>

\* Work to be completed by ODF staff; cost are for materials only

\*\* Included In Logging Contract

**REFORESTATION AND YOUNG STAND MANAGEMENT SUMMARY**

Projects Conducted by Adults in Custody	Board of Forestry			Common School Forest Lands			District	
	Acres Planned	Average Cost*/Acre	BOF Cost	Acres Planned	Average Cost*/Acre	CSL Cost	Total Acres	Total Cost
Site Prep - Broadcast Burning	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Site Prep - Piling Burning	700	\$0.00	\$0.00	0	\$0.00	\$0.00	700	\$0.00
Site Prep - Mechanical	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Initial Planting	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Interplanting	40	\$0.00	\$0.00	0	\$0.00	\$0.00	40	\$0.00
Underplanting	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Tree Protection - Barriers	263	\$157.50	\$41,422.50	0	\$0.00	\$0.00	263	\$41,422.50
Tree Protection - Direct Control	550	\$0.00	\$0.00	0	\$0.00	\$0.00	550	\$0.00
Release - Manual	150	\$0.00	\$0.00	0	\$0.00	\$0.00	150	\$0.00
Precommercial Thinning	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Pruning	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
Invasive Species	200	\$0.00	\$0.00	0	\$0.00	\$0.00	200	\$0.00
Other	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
<b>Totals</b>	<b>1,903</b>	<b>--</b>	<b>\$41,422.50</b>	<b>0</b>	<b>--</b>	<b>\$0.00</b>	<b>1,903</b>	<b>\$41,422.50</b>

Grant Funded Activities	Board of Forestry			Common School Forest Lands			District		Funding
Project	Acres Planned	Average Cost*/Acre	Cost	Acres Planned	Average Cost*/Acre	Cost	Total Acres	Total Cost	
None			\$0.00			\$0.00	0	\$0.00	

**RECREATION SITE MANAGEMENT SUMMARY**

District: Forest Grove

Fiscal Year: 2025

Date: 04/01/2024

Project	Construction Projects		Improvement Projects		Operations & Maintenance Projects		Total Costs	Comments
	ODF (\$)	Other (\$)	ODF (\$)	Other (\$)	ODF (\$)	Other (\$)*		
<b>Campgrounds</b>								
Vault Toilet Pumping					\$4,750	\$4,000	\$8,750	
Garbage Service					\$5,400	\$12,000	\$17,400	
Miscellaneous Maintenance					\$1,200	\$400	\$1,600	Quarterly Well Testing
<b>Trailheads/ Day Use Areas</b>								
Vault Toilet Pumping					\$7,700	\$9,650	\$17,350	
Garbage Service								
Miscellaneous Maintenance								
<b>Other Operations</b>								
District/South Fork REI Charges					\$3,500	\$3,500	\$7,000	Garbage
					FDI Total		\$22,550	
					Other Total		\$29,550	
					<b>TOTAL</b>		<b>\$52,100</b>	

\*A portion of the motorized recreation costs are funded through OPRD ATV Transfer Fund.

**RECREATION TRAIL MANAGEMENT SUMMARY**

Project	Miles	Construction Projects		Improvement Projects		Operations & Maintenance Projects		Total Costs	Comments
		ODF (\$)	Other (\$)	ODF (\$)	Other (\$)*	ODF (\$)	Other (\$)		
<b>Non-Motorized</b>									
Larch Mountain Trail Construction	2.1								Trail construction- Volunteer project
<b>Motorized</b>									
Quarry Trail Bridge Replacement					\$9,500			\$9,500	Bridge replacement and puncheon removal- OHV Program (ATV Transfer Fund)
								FDI Total	
								Other Total	
								<b>TOTAL</b>	

\*A portion of the motorized recreation costs are funded through OPRD ATV Transfer Fund.

**RECREATION GRANT MANAGEMENT SUMMARY**

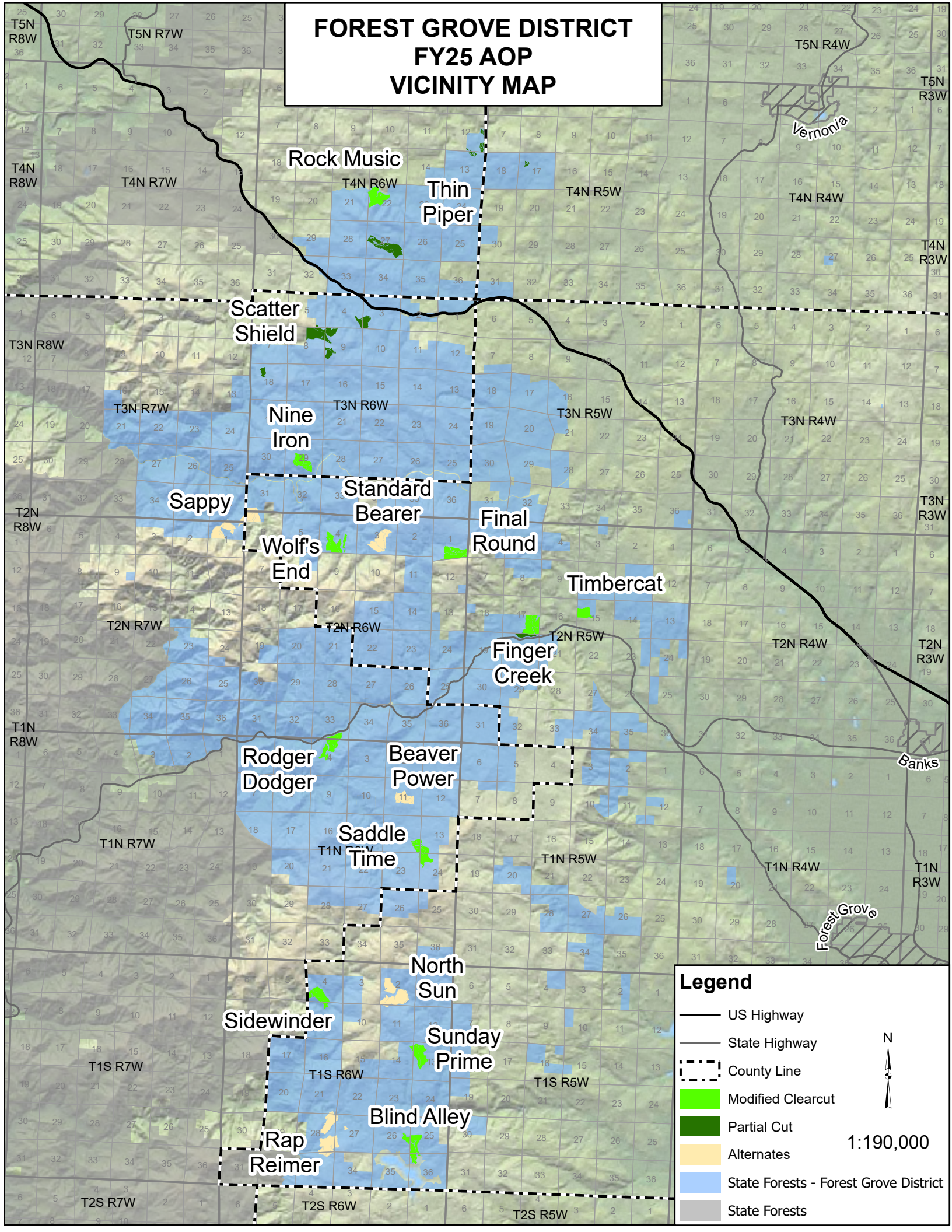
Grant	Status	Award Date (actual or anticipated)	Recreation Leadership Approval	Goals/Purpose	Funding		Project Total	Comments
					Grant (\$)	Match (\$)		
							\$0	
					Grants Total		\$0	
					Match Total		\$0	
					<b>TOTAL</b>		<b>\$0</b>	



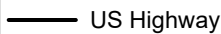



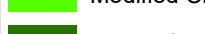
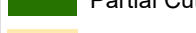


## **Appendix B – Vicinity Maps**

- **Harvest Operations Vicinity Map**
- **Recreation Facilities Vicinity Map**
- **FY25 Recreation Project Vicinity Map**

# FOREST GROVE DISTRICT FY25 AOP VICINITY MAP



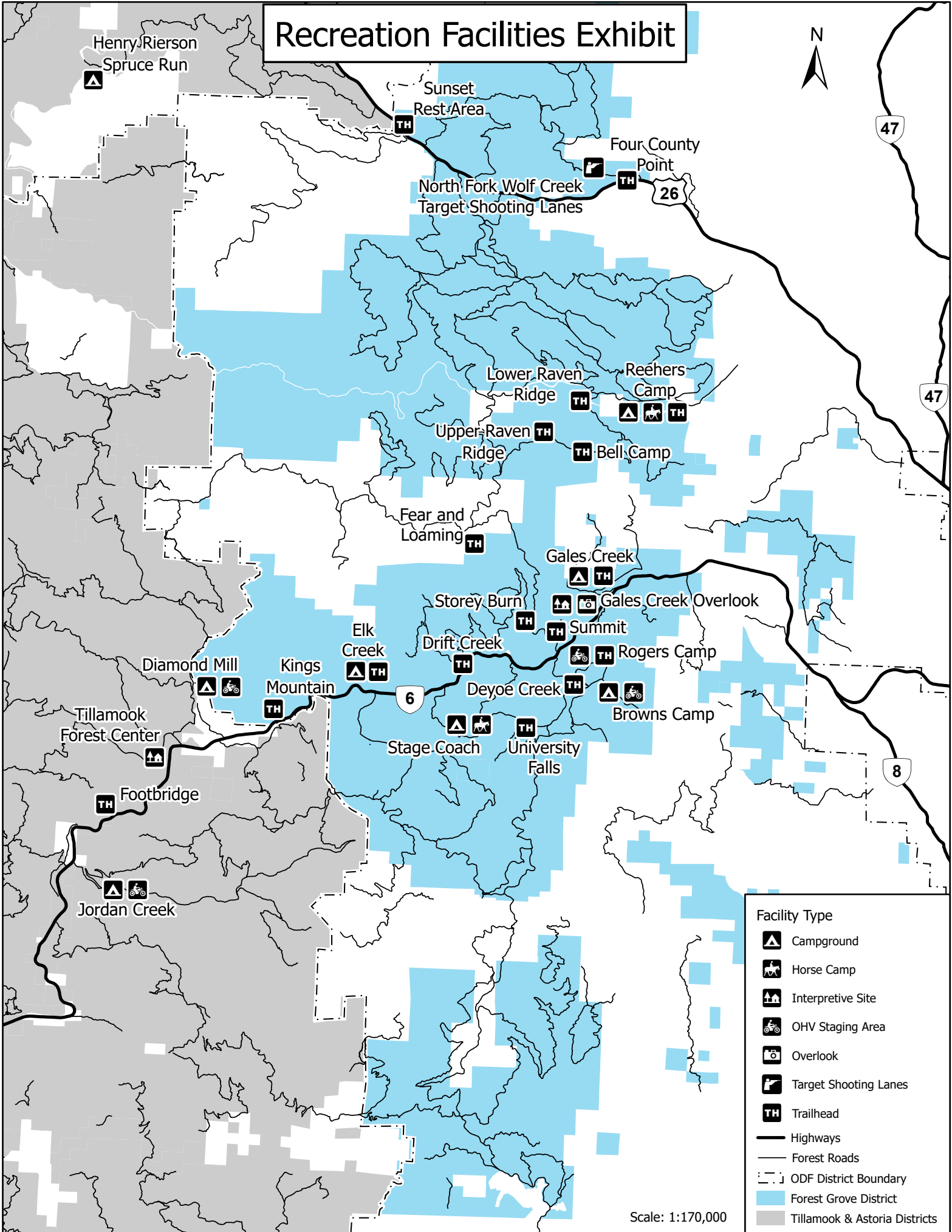
## Legend

-  US Highway
-  State Highway
-  County Line
-  Modified Clearcut
-  Partial Cut
-  Alternates
-  State Forests - Forest Grove District
-  State Forests



1:190,000

# Recreation Facilities Exhibit

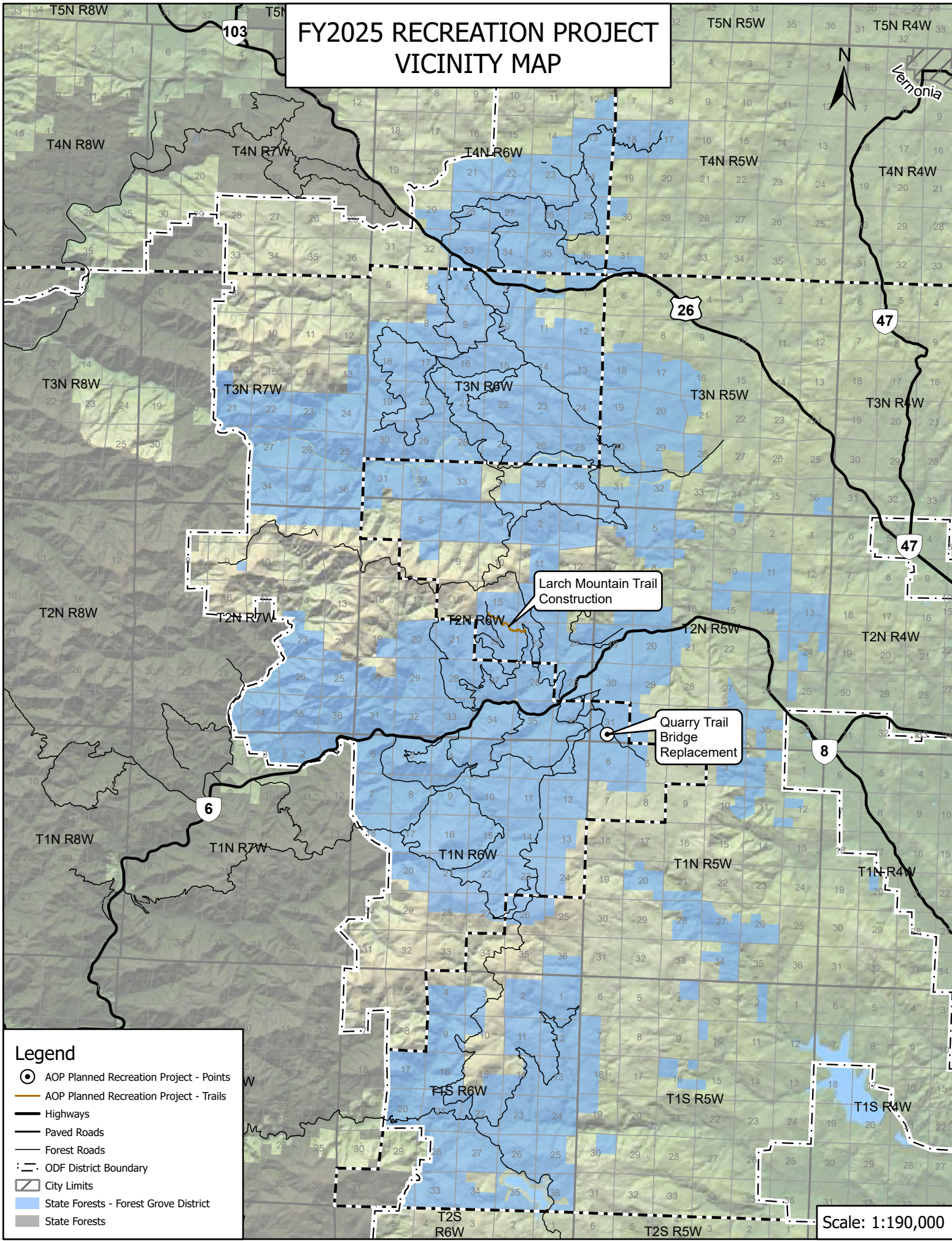


**Facility Type**

- Campground
- Horse Camp
- Interpretive Site
- OHV Staging Area
- Overlook
- Target Shooting Lanes
- Trailhead
- Highways
- Forest Roads
- ODF District Boundary
- Forest Grove District
- Tillamook & Astoria Districts

Scale: 1:170,000

# FY2025 RECREATION PROJECT VICINITY MAP



## Legend

- AOP Planned Recreation Project - Points
- AOP Planned Recreation Project - Trails
- Highways
- Paved Roads
- Forest Roads
- - - ODF District Boundary
- ▭ City Limits
- State Forests - Forest Grove District
- State Forests

Scale: 1:190,000

## **Appendix C – Consultations with Other State Agencies**

### **Oregon Department of Fish and Wildlife (ODFW):**

ODFW biologists were provided the Summary Document and Pre-Operations Reports for review. A follow up cooperater/specialist meeting was held to address questions and concerns. ODFW expressed an interest in working with ODFs Stream Specialist on identifying potential stream enhancement projects and prescriptions throughout the coming fiscal year.

The following are paraphrased comments received from ODFW (*in bold & italics*) and the response from ODF.

***Please let ODFW know when vacating roads as they have forage seed available to spread and ODFW may be able to facilitate finding volunteers to spread the seed mix.***

Each district will coordinate with ODFW when vacating roads that would be a good candidate for spreading seed.

***ODFW would like to include skips and gaps as part of young stand thinnings to create foraging opportunities.***

ODF Biologists and district staff will reach out to ODFW Biologists to discuss the possibility of incorporating skips and gaps into young stand thinnings. Final thinning prescriptions are determined during sale layout.

## **Appendix D – Public Comment Process**

The Oregon Department of Forestry issued a Press Release in April 2024, announcing a formal 45-day public comment period for the Fiscal Year 2025 Annual Operations Plans from April 3, 2024 through May 17, 2024.

The purpose of the Public Comment Period is to provide an opportunity for the public to review the Annual Operations Plan, ask questions, make recommendations and offer comments. As a public agency, ODF strives to operate in the best interest of Oregonians. We provide opportunities for public participation to assist us in securing the greatest permanent value from state forests for all Oregonians.

## **Appendix E – Pre-Operations Reports**

Pre-Operations Reports are available online through a Web Application at the following link:

<https://geo.maps.arcgis.com/apps/webappviewer/index.html?id=ae569c1ff445457eb8fe1b556699bce8>

Just zoom to the District you are interested in and click on any sale. A pop-up box should show up with a link to the Pre-Operations Report for the sale.

## **Appendix F – Forest Land Management Classification Modification Notice**

No modifications are proposed with the Fiscal Year 2025 Annual Operations Plan.



**Appendix G – Landscape Design**  
**Implementation Plan Minor Modification Notice**

No modifications are proposed with the Fiscal Year 2025 Annual Operations Plan.